AUTHOR INDEX

Animal Reproduction Science, volumes 1–25

A

Aaden, A.S., see Cristofori, F., 21 (1989) 73

Abas Mazni, O., Valdez, C.A., Takahashi, Y., Hishinuma, M. and Kanagawa, H., Quick freezing of mouse embryos using ethylene glycol with lactose or sucrose, 22 (1990) 161

Abd El-Hamid, M.W., see El-Gaafary, M.N., 24 (1991) 153

Abd El-Rahim, M.I., see El-Gaafary, M.N., 24 (1991) 153

Abdel Malak, G. and Thibier, M., Lack of influence of mounting on plasma FSH, LH and testosterone concentrations in azoospermic and normospermic young bulls, 9 (1985) 111

Abdel Rahim, S.E.A., Sharaby, M.A. and Suleiman, I.O., Studies on the age of puberty of Najdi rams, 20 (1989) 67

Abe, T., see Nakao, T., 7 (1984) 489

Abeyawardene, S.A. and Pope, G.S., The involvement of progesterone and luteinizing hormone in the termination of the post-ovulatory rise in plasma oestradiol-17β concentration in cattle, 15 (1987) 27

Abeygunawardena, H., see Lundström, K., 5 (1982) 99

Aboul-Ela, M.B., Topps, J.H. and Macdonald, D.C., Relationships between intravaginal electrical resistance, cervicovaginal mucus characteristics and blood progesterone and LH, 5 (1982/1983) 259

Aboul-Ela, M.B., Macdonald, D.C., Lindsay, D., Topps, J.H. and Mani, R., The association between changes in the intravaginal electrical resistance and the in vitro measurements of vaginal mucus electrical resistivity in cattle, 5 (1982/1983) 323

Aboul-Ela, M.B., El-Keraby, F.E. and Chesworth, J.M., Seasonal variation in the LH release in response to GnRH in the buffalo, 6 (1983/1984) 229

Aboul-Ela, M.B. and El-Keraby, F.E., The effect of treatment with a GnRH analogue on postpartum reproductive performance in Friesian cows, 12 (1986) 99

Abrams, E., see Thompson, F.N., 6 (1983) 59

Adam, C.L., Moir, C.E. and Shiach, P., Plasma prolactin concentrations in barren, pregnant and lactating red deer (*Cervus elaphus*) given melatonin to advance the next breeding season, 18 (1989) 77

Adams, G.P., Sumar, J. and Ginther, O.J., Form and function of the corpus luteum in llamas, 24 (1991) 127

Adams, N.R., see Bindon, B.M., 5 (1982) 7

Adegboye, D.S., see Fasanya, O.O.A., 14 (1987) 65

Adeyemo, O., Application of plasma and milk progesterone assay in pregnancy diagnosis in White Fulani (Zebu) cattle, 19 (1989) 205

Adeyemo, O., Oyejide, A. and Agbedana, O., Plasma testosterone in *Trypanosoma congolense*- and *Trypanosoma brucei*-infected West African dwarf rams, 22 (1990) 21

Afifi, E.A., see Kadry, A.E.H., 5 (1982/1983) 219

Afifi, E.A. and Kadry, A.E.H., Factors influencing the weight of the doe during pregnancy in different breeds of rabbits, 7 (1984) 547

Agbedana, O., see Adeyemo, O., 22 (1990) 21

Agrasal, C., see Rodriguez, J.M., 20 (1989) 57

Agrawal, K.P., see Rao, V.H., 16 (1988) 261

Agu, W.E., Ige, K. and Olatunde, D.S., Evaluation of semen quality of rams infected with *Trypanosoma vivax*, 11 (1986) 123

Ahmad, N., Chaudhry, R.A. and Khan, B.B., Effect of month and season of calving on the length of subsequent calving interval in Nili-Ravi buffaloes, 3 (1980/1981) 301

Ahmad, N., Shahab, M., Khurshid, S. and Arslan, M., Pubertal development in the male buffalo: longitudinal analysis of body growth, testicular size and serum profiles of testosterone and oestradiol, 19 (1989) 161

Ahmed, A.K., see Tingari, M.D., 12 (1986) 213

Ahmed, A.K., see El-Manna, M.M., 12 (1986) 223

Ahmed Jumale, M., see Bono, G., 21 (1989) 101

Ainsworth, L., Lachance, R. and Labrie, F., Effects of progestagen treatments and PMSG on the induction of the preovulatory LH discharge in ewes, 5 (1982/1983) 281

Ainsworth, L., Effects of norgestomet-implants and fluorogestone acetate-impregnated sponges on oestrous cycle length and luteal function of ewes, 9 (1985) 63

Ainsworth, L., see Karalus, U., 22 (1990) 235

Aitken, R.P., see McKelvey, W.A.C., 18 (1989) 1

Aitken, R.P., see Wallace, J.M., 18 (1989) 271

Aizinbud, E., see Lewis, G.S., 18 (1989) 183

Aizinbud, E., see Ezov, N., 22 (1990) 281

Aizinbud, E., see Schindler, D., 23 (1990) 283

Akerejola, O.O., see Rekwot, P.I., 16 (1988) 1

Akpokodje, J.U., see Osuagwuh. A.I.A., 4 (1981) 149

Al-Eknah, M.M. and Noakes, D.E., The effect of different rates of oxytocin infusion on the progesterone primed uterus in chronically catheterised, ovariectomised ewes, 17 (1988) 69

Al-Gubory, K.H. and Martinet, J., Effect of the corpus luteum on ovarian follicular populations and growth in the ewe, 13 (1987) 269

Al-Gubory, K.H., Martinet, J., Paly, J. and Solari, A., A new concept for control of folliculogenesis during pregnancy in ewes: role of the corpus luteum, 15 (1987) 113

Al-Jarrah, L.H., see Azawi, O.I., 22 (1990) 319

Al-Kamali, A.A., see Boland, M.P., 9 (1985) 241

Al-Obaidi, S.A.R., Bindon, B.M., Findlay, J.K., Hillard, M.A. and O'Shea, T., Plasma follicle stimulating hormone in Merino ewes immunized with an inhibin-enriched fraction from bovine follicular fluid, 14 (1987) 39

Alabi, N.S. and Whanger, P.D., Influence of dietary selenium on metabolism of cadmium and mercury in reproductive tissues of rats, 13 (1987) 143

Alam, M.G.S. and Dobson, H., Pituitary responses to a challenge test of GnRH and oestradiol benzoate in postpartum and regularly cyclic dairy cows, 14 (1987) 1

Alanko, M., see Vesanen, M., 17 (1988) 9

Alberio, R.H., Schiersmann, G., Carou, N. and Mestre, J., Effect of a teaser bull on ovarian and behavioural activity of suckling beef cows, 14 (1987) 263

Albihn, A., Gustafsson, H., Rodriguez-Martinez, H. and Larsson, K., Development of day 7 bovine demi-embryos transferred into virgin and repeat-breeder heifers, 21 (1989) 161

Albihn, A., Gustafsson, H. and Rodriguez-Martinez, H., Maternal influence on the early development of asynchronously transferred bovine embryos, 24 (1991) 25

Alexaki-Tzivanidou, E., see Smokovitis, A., 16 (1988) 285

Alexandersen, S., see Hau, J., 16 (1988) 135

Ali, B.H. and Mustafa, A.I., Semen characteristics of Nubian goats in the Sudan, 12 (1986) 63

Allen, W.E., The effect of human chorionic gonadotrophin and exogenous progesterone on luteal function during early pregnancy in pony mares, 6 (1983/1984) 223

Allen, W.R., see Pashen, R.L., 2 (1979) 271

Allen, W.R., Hormonal control of early pregnancy in the mare, 7 (1984) 283

Allrich, R.D., Christenson, R.K. and Ford, J.J., Age at puberty and estrous activity of straightbred and reciprocal crossbred gilts, 8 (1985) 281

Almeida, A.P., Fo., Ayalon, N. and Bartoov, B., Bovine endometrial epithelium ultrastructure 6 and 7 days post-breeding, 10 (1986) 293

Almeida, A.P., Fo., Ayalon, N. and Bartoov, B., Progesterone receptors in the endometrium of normal and repeat-breeder cows, 14 (1987) 11

Almond, G.W. and Dial, G.D., Sensitivity of the hypothalamo–hypophyseal axis to the positive feedback effects of estrogen in ovariectomized anestrous and diestrous sows, 22 (1990) 243

Alvarez, R.H., Ambrosano, G.M.B., Oliveira, J.V., Pozzi, J.R. and Meirelles, C.F., The use of lower doses of the prostaglandin analogue, cloprostenol, for oestrus synchronization in heifers, 25 (1991) 93

Ambrosano, G.M.B., see Alvarez, R.H., 25 (1991) 93

Amir, D., Bar-El, M., Kalay, D. and Schindler, H., The contribution of bulls and cows to the seasonal differences in the fertility of dairy cattle in Israel, 5 (1982) 93

Amir, D., Gledhill, B.L., Garner, D.L., Nicolle, J.C. and Tadmor, A., Spermiogenic, epididymal, and spermatozoal damage induced by a peritesticular injection of ethylene dibromide to rams, 6 (1983) 35

Amir, D., Gacitua, H., Ron, M. and Lehrer, A.R., Seasonal variation in semen characteristics and the fertility of Finn cross rams subjected to frequent ejaculation, 10 (1986) 75

Amir, D., Pines, M., Gacitua, H. and Ron, M., The seasonal patterns of testosterone secretion in Finn cross rams in Israel, 10 (1986) 245

Amir, S., see Eger, S., 16 (1988) 215

Amjad, H., see Heuer, C., 13 (1987) 15

Amsler, K.R., see Wordinger, R.J., 3 (1980) 189

Andersen, L.L.I., Poulsen, O.M. and Hau, J., Maternal plasma levels of alpha-fetoprotein during oestrous cycles and pregnancy in mice, 23 (1990) 157

Anderson, G.B. and Bondurant, R.H., Multiple ovulation resulting from low level administration of PMSG to cattle at different stages of the oestrous cycle, 5 (1982) 85

Anderson, G.W., Gwazdauskas, F.C. and Guise, M.B., Column chromatography and electrophoresis of bovine uterine lumenal proteins collected during the estrous cycle, 9 (1985) 11

Anderson, G.W., Gwazdauskas, F.C., Whittier, W.D. and Vinson, W.E., Uterine protein profiles in ovariectomized dairy cows administered progesterone and estradiol-17β, 11 (1986) 161

Anderson, L.L., see Awotwi, E.K., 9 (1985) 51

Anderson, L.L., see Carpenter, L.S., 9 (1985) 261

Anderson, L.L., see Benoit, A.M., 13 (1987) 239

Anderson, L.L., see Musah, A.I., 16 (1988) 237

Anderson, L.L., see Benoit, A.M., 18 (1989) 61

Anderson, L.L., see Juang, H.H., 20 (1989) 21

Anderson, L.L., see Juang, H.H., 22 (1990) 47

Anderson, L.L., see Juang, H.H., 22 (1990) 253

Andersson, A.-M., Einarsson, S., Edqvist, L.-E. and Lundeheim, N., Endocrine pattern and external oestrous symptoms at second and fourth oestrus in gilts, 6 (1983/1984) 301

Andersson, K., see Eliasson, L., 25 (1991) 143

André, D., see Torres, S., 6 (1983) 25

Ansari, M.R., see Rao, V.H., 16 (1988) 261

Antônio, A., see Calixto, J.B., 8 (1985) 375

Aria, G., see Cristofori, F., 21 (1989) 73

Arkins, S., Thompson, L.H., Giles, J.R., Camacho, T. and Hosmon, B.D., The effect of collection procedure on the sperm output and copulatory behavior of AI stud boars, 16 (1988) 277

Armstrong, D.T., Pfitzner, A.P., Porter, K.J., Warnes, G.M., Janson, P.O. and Seamark, R.F., Ovarian responses of anoestrous goats to stimulation with pregnant mare serum gonadotrophin, 5 (1982) 15

Arnold, S., see Rottmann, O.J., 6 (1983/1984) 239

Arora, S.P., see Kaur, H., 7 (1984) 323

Arslan, M., see Ahmad, N., 19 (1989) 161

Asher, G.W. and Thompson, J.G.E., Plasma progesterone and LH concentrations during oestrous synchronization in female fallow deer (*Dama dama*), 19 (1989) 143

Asher, G.W., Effect of subcutaneous melatonin implants on the seasonal attainment of puberty in female red deer (*Cervus elaphus*), 22 (1990) 145

Ashizawa, K., Tamiya, E., Okauchi, K. and Nishiyama, H., Prolonged motility of fowl spermatozoa in vitro due to a low molecular weight factor(s) released from cultured embryonic cells, 9 (1985) 181

Ashizawa, K., Ichinari, Y., Yoshidome, S. and Okauchi, K., Maintenance of motility of bull spermatozoa by a low molecular weight factor(s) released from cultured embryonic cells, 10 (1986) 185

Ashizawa, K., Masazumi, S. and Okauchi, K., Stimulation of the motility and oxygen consumption of fowl spermatozoa by bicarbonate at 40°C, 21 (1989) 301

Ashizawa, K., see Nakayama, H., 25 (1991) 73

Ashworth, C.J. and Bazer, F.W., Interrelationships of proteins secreted by the ovine conceptus and endometrium during the periattachment period, 20 (1989) 117

Ashworth, C.J., Wilmut, I. and Sales, D., Effect of the stage of the oestrous cycle and the frequency of sample collection on the composition of ovine uterine fluids, 21 (1989) 213

Atkinson, B.A., see King, G.J., 12 (1987) 241

Avenell, J.A., Feezing of swamp buffalo semen, 5 (1982) 141

Awotwi, E.K. and Anderson, L.L., Effect of lighting regimen, rearing in isolation and olfactory bulbectomy on growth and puberty in Yorkshire gilts, 9 (1985) 51

Axford, R.F.E., see Brown, C.M., 25 (1991) 181

Ayalon, N., see Almeida, A.P., Fo., 10 (1986) 293

Ayalon, N., see Almeida, A.P., Fo., 14 (1987) 11

Azawi, O.I., Znad, M.M. and Al-Jarrah, L.H., The correlation between the viability of bovine spermatozoa preserved at

ambient temperature and the activity of transferases, 22 (1990) 319

B

Bahr, J., see Hoffmann, B., 2 (1979) 253

Bahr, J.M., see Suter, D.E., 11 (1986) 43

Bahr, J.M., see Frank, G.R., 15 (1987) 121

Bailey, D.R.C., see Coulter, G.H., 16 (1988) 169

Baker, R.D., see Rajamahendran, R., 3 (1980/1981) 271

Baker, T.G., see Hunter, M.G., 4 (1981) 29

Balakrishnan, M., Chinnaiya, G.P., Nair, P.G. and Jagannadha Rao, A., Studies on serum progesterone levels in Zebu x Holstein heifers during pre- and peripubertal periods, 11 (1986) 11

Ball, H.J. and McCaughey, W.J., An examination of the effects of ureaplasma infection on the fertility of synchronised ewes, 13 (1987) 61

Ball, K., see Henderson, K.M., 22 (1990) 121

Bamberg, E., see Choi, H.S., 5 (1982/1983) 175

Bamberg, E., see Möstl, E., 14 (1987) 245

Bamberg, E., see Choi, H.S., 15 (1987) 209

Bancroft, B.J., see Johnstone, I.P., 7 (1984) 363

Bar-El, M., see Amir, D., 5 (1982) 93

Barcikowski, B., see Madej, A., 3 (1980) 17

Bariteau, F., see Sempéré, A.J., 20 (1989) 155

Bariteau, F., see Signoret, J.P., 22 (1990) 221

Bariteau, F., see Martinat-Botté, F., 22 (1990) 227

Barker, I., see King, R.H., 5 (1982) 41

Barnes, R.J., see Silver, M., 2 (1979) 305

Barnett, J.L. and Hemsworth, P.H., The effects of individual and group housing on sexual behaviour and pregnancy in pigs, 25 (1991) 265

Barrell, G.K. and Lapwood, K.R., Seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in Romney, Merino and Polled Dorset rams, 1 (1978/1979) 213

Barrell, G.K. and Lapwood, K.R., Effects of modifying olfactory and pineal gland function on the seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in rams, 1 (1978/1979) 229

Barrett, J. and Wathes, D.C., The effect of oxytocin on progesterone secretion and of $PGF_{2\alpha}$ on oxytocin secretion from bovine luteal and granulosa cells in culture, 22 (1990) 297

Bartol, F.F., see Wolfenson, D., 14 (1987) 103

Bartoov, B., see Almeida, A.P., Fo., 10 (1986) 293

Bartoov, B., see Almeida, A.P., Fo., 14 (1987) 11

Bartoš, L. and Trojan, S., Effect of prolonged frequency of mating by the male rat on his fertility and on the sex ratio of his offspring, 17 (1988) 271

Baše, J., see Matoušek, J., 1 (1978) 49

Basrur, P.K., see Domínguez, M.M., 22 (1990) 181

Basrur, P.K., see Stubbings, R.B., 23 (1990) 181

Bassinga, A., see Chicoteau, P., 21 (1989) 153

Basu, S., see Kindahl, S., 7 (1984) 133

Basu, S., see Harvey, D., 7 (1984) 217

Batra, S.K. and Pandey, R.S., Luteinizing hormone and oestradiol-17β in blood plasma and milk during the oestrous cycle and early pregnancy in Murrah buffaloes, 5 (1982/1983) 247

Batt, P.A., see Cameron, A.W.N., 25 (1991) 233

Baumgartner, A.P. and Chrisman, C.L., Embryonic mortality caused by maternal heat stress during mouse oocyte maturation, 14 (1987) 309

Bavister, B.D., see Hoppe, R.W., 6 (1983/1984) 323

Bazer, F.W., Marengo, S.R., Geisert, R.D. and Thatcher, W.W., Exocrine versus endocrine secretion of prostaglandin $F_{2\alpha}$ in the control of pregnancy in swine, 7 (1984) 115

Bazer, F.W., see Thatcher, W.W., 7 (1984) 149

Bazer, F.W., see Sharp, D.C., 7 (1984) 269

Bazer, F.W., see Ashworth, C.J., 20 (1989) 117

Béland, R., see Sirard, M.A., 9 (1985) 25

Bell, K., see Summers, P.M., 6 (1983) 91

Bell, L.A., Giménez, T., Diehl, J.R. and Chakraborty, P.K., Prostaglandin E_2 and progesterone during the estrous cycle of the pig, 22 (1990) 325

Benhaj, K.M., see Cooke, R.G., 20 (1989) 201

Bennett, W.A., Gonzalez, L.V., Stuart, M.J. and Fuquay, J.W., Effects of human chorionic gonadotropin pretreatment on endocrine, cytological and prostaglandin $F_{2\alpha}$ receptor patterns of the bovine corpus luteum, 19 (1989) 179

Bennett, W.A., Gonzalez, L.V., Stuart, M.J. and Fuquay, J.W., Effects of human chorionic gonadotropin (hCG) pretreatment on endocrine and behavioural responses of dairy cattle to exogenous prostaglandin $F_{2\alpha}$, 25 (1991) 97

Benoit, A.M., Molina, J.R. and Anderson, L.L., Prolactin secretion in cattle as affected by haloperidol and α-methyl-*p*-tyrosine, 13 (1987) 239

Benoit, A.M., Molina, J.R., Hard, D.L. and Anderson, L.L., Prolactin secretion after hypophysial stalk transection in prepuberal beef heifers, 18 (1989) 61

Berg, R.T., see Farid, A., 14 (1987) 21

Bergfelt, D.R., Pierson, R.A. and Ginther, O.J., Resurgence of the primary corpus luteum during pregnancy in the mare, 21 (1989) 261

Bergfelt, D.R., Kastelic, J.P. and Ginther, O.J., Continued periodic emergence of follicular waves in non-bred progesterone-treated heifers, 24 (1991) 193

Berghorn, K.A., Edgerton, L.A., Cromwell, G.L. and Stahly, T.S., Serum progesterone and luteinizing hormone following prostaglandin $F_{2\alpha}$ during the sow's estrous cycle, 19 (1989) 273

Berglund, B., Philipsson, J. and Danell, Ö., External signs of preparation for calving and course of parturition in Swedish dairy cattle breeds, 15 (1987) 61

Berglund, B. and Philipsson, J., The influence of relative birth weight and certain other factors on calving performance in Swedish dairy cattle breeds, 15 (1987) 81

Berglund, L.A., see Sharp, D.C., 7 (1984) 269

Bernard, C., see Sirard, M.A., 9 (1985) 25

Berry, J.E., see Logue, D.N., 1 (1978) 25

Bertin, J., see Torres, S., 6 (1983) 25

Bertoft, E., Mäentausta, O., Sundqvist, C. and Lukola, A., Comparison between radioimmunoassay and a new time-resolved fluoroimmunoassay of total serum testosterone in male mink (*Mustela vison*), 12 (1987) 291

Bessent, C., Cross, D.T. and Ginther, O.J., Effect of exogenous estradiol on mobility and fixation of the early equine conceptus, 16 (1988) 159

Betteridge, K.J., Sugden, E.A., Eaglesome, M.D., Randall, G.C.B. and Mitchell, D., Plasma progesterone levels in superovulated cattle in relation to hatched embryo

sizes, ovulation rates, and premature regression of corpora lutea, 4 (1981/1982) 207

Betteridge, K.J., Randall, G.C.B., Eaglesome, M.D. and Sugden, E.A., The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, I. Concentrations of 15-keto-13,14-dihydroprostaglandin $F_{2\alpha}$ and progesterone in peripheral blood of recipients of transferred embryos, 7 (1984) 195

Betteridge, K.J., see Harvey, D., 7 (1984) 217

Bevers, M., see Taverne, M., 1 (1978/1979) 257

Bevers, M.M., Willemse, A.H., Kruip, Th.A.M. and Van de Wiel, D.F.M., Prolactin levels and the LH-response to synthetic LH-RH in the lactacting sow, 4 (1981) 155

Bevers, M.M., see Dieleman, S.J., 10 (1986) 275

Bevers, M.M. and Dieleman, S.J., Effect of chronic treatment with bromocryptine on the corpus luteum function of the cow, 14 (1987) 95

Bevers, M.M. and Dieleman, S.J., Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

Bevers, M.M., Dieleman, S.J. and Kruip, Th.A.M., Chronic treatment with bromocryptine during the oestrous cycle of the cow: evidence that prolactin is not involved in preovulatory follicular growth, 17 (1988) 21

Bevers, M.M., see Taverne, M.A.M., 17 (1988) 51

Bevers, M.M., Russcher, J.A. and Dieleman, S.J., Absence of high-affinity binding sites for prolactin on the bovine corpus luteum, 18 (1989) 87

Bhattacharyya, N.K., see Rao, V.H., 16 (1988) 261

Biacchessi, D., see Tamanini, C., 13 (1987) 283

Bielański, W., see Zgórniak-Nowosielska, I., 7 (1984) 343

Biggers, B.G., see Geisert, R.D., 16 (1988) 11

Biggs, J.S.G., see Tan, G.J.S., 7 (1984) 441

Bikker, P., see Kemp, B., 22 (1990) 87

Bindon, B.M., see Holland, E.J., 4 (1981) 127

Bindon, B.M., Adams, N.R. and Piper, L.R., Effects of oestrogenic pasture on luteinizing hormone levels and the response to GnRH in female lambs, 5 (1982) 7

Bindon, B.M., see Raadsma, H.W., 6 (1983/1984) 153

Bindon, B.M., see Al-Obaidi, S.A.R., 14 (1987) 39

Bindon, B.M., see Kind, K., 16 (1988) 27

Bindon, B.M., see Fry, R.C., 18 (1989) 149

Binienda, Z., see Madej, A., 3 (1980) 17

Bird, J.M. and Houghton, J.A., Fertilization of zona-free hamster ova by ionophore-treated boar sperm and the condensation of sperm chromosomes, 21 (1989) 125

Bittmar, A., see Kosiniak, K., 4 (1981) 39

Bizelis, J.A., Deligeorgis, S.G. and Rogdakis, E., Puberty attainment and reproductive characteristics in ewe lambs of Chios and Karagouniki breeds raised on two planes of nutrition, 23 (1990) 197

Blackshaw, A.W., see Zamiri, M.J., 3 (1980/1981) 325

Blair, R.M., see Lamberson, W.R., 20 (1989) 49

Blanchette, L.G., see Lambert, R.D., 1 (1978) 43

Bleau, G., see Langlais, J., 14 (1987) 129

Blum, Orly see Wolfenson, D., 17 (1988) 259

Boer, K., Swaab, D.F. and Visser, M., The fetal brain and parturition, 2 (1979) 63

Boissin, J., see Mauget, R., 13 (1987) 67

Boland, M.P., Kelleher, D. and Gordon, I., Comparison of control of oestrus and ovulation in sheep by an ear implant (SC-21009) or by intravaginal sponge (Cronolone or MAP), 1 (1978/1979) 275

Boland, M.P., Crosby, T.P. and Gordon, I., Ovarian response in ewes following horse anterior pituitary extract and progestagen treatment, 6 (1983) 119

Boland, M.P., see Lancaster, R.T., 8 (1985) 365

Boland, M.P., Al-Kamali, A.A., Crosby, T.F., Haynes, N.B., Howles, C.M., Kelleher, D.L. and Gordon, I., The influence of breed, season and photoperiod on semen characteristics, testicular size, libido and plasma hormone concentrations in rams, 9 (1985) 241

Boland, M.P., see Ware, C.B., 16 (1988) 97

Boland, M.P., see Crosby, T.F., 24 (1991) 109

Bolt, D.J., Scott, V. and Kiracofe, G.H., Plasma LH and FSH after estradiol, norgestomet and Gn-RH treatment in ovariectomized beef heifers, 23 (1990) 263

Bondioli, K., see Wright, R.W., Jr., 5 (1982/1983) 207

Bondurant, R.H., see Anderson, G.B., 5 (1982) 85

BonDurant, R.H., see Edmondson, A.J., 12 (1986) 157

BonDurant, R.H., see Fissore, R.A., 12 (1986) 167

Bonet, S., Immature and aberrant spermatozoa in the ejaculate of *Sus domesticus*, 22 (1990) 67

Bongso, T.A., see Jainudeen, M.R., 4 (1981/1982) 213

Bongso, T.A., Fatimah, I. and Dass, S., Synchronisation of oestrus of goats treated with progestagen-impregnated intravaginal sponges and PMSG, and reproductive performance following natural mating or A.I. with frozen semen, 5 (1982) 111

Bongso, T.A., see Jainudeen, M.R., 5 (1982/1983) 181

Bonneau, M., Carrié-Lemoine, J., Prunier, A., Garnier, D.H. and Terqui, M., Age-related changes in plasma LH and testosterone concentration profiles and fat 5α-androstenone content in the young boar, 15 (1987) 241

Bonneau, M., Carrié-Lemoine, J. and Mesure-Morat, M., Genital tract development and histomorphometrical traits of the testis in the young boar: relationships with fat 5α-androstenone levels, 15 (1987) 259

Bono, G., see Tamanini, C., 9 (1985) 357

Bono, G., Moallin Dahir, A., Comin, A. and Ahmed Jumale, M., Plasma LH, corticoid and sex steroid variations in camels (*Camelus dromedarius*) in relation to seasonal climatic changes, 21 (1989) 101

Boomarov, see Hochereau-De Reviers, M.-T., 23 (1990) 21

Boos, A., see Hoedemaker, M., 13 (1987) 1

Boos, A., Peukert-Adam, I., Meyer, W., Schwarz, R. and Grunert, E., Activity of Δ^5-3β-hydroxysteroid dehydrogenase, succinate dehydrogenase, and glucose-6-phosphate dehydrogenase in bovine luteinized follicular cysts and corpora lutea of estrous cycle: a quantitative histochemical study, 15 (1987) 145

Booth, W.D., see Pearce, G.P., 16 (1988) 125

Bor, A., see Gootwine, E., 19 (1989) 109

Bosu, W.T.K., Liptrap, R.M. and Leslie, K.E., Peripartal changes in plasma progesterone and 15-keto-13,14-dihydro-prostaglandin $F_{2\alpha}$ concentrations in Hol-

stein cows with or without retained foetal membranes, 7 (1984) 497

Botha, W.A., see Grobbelaar, J., 19 (1989) 245

Bowman, G.H., see Narendran, R., 4 (1981/1982) 227

Brackett, B.G., see Schellander, K., 18 (1989) 95

Bradford, G.E., see Quirke, J.F., 16 (1988) 39

Brandenburg, A.C., see Jainudeen, M.R., 3 (1980) 161

Brandt, A., see Hau, J., 16 (1988) 135

Brandt, K.E. and Diekman, M.A., Influence of supplemental lighting on serum LH, testosterone and semen quality in prepubertal and postpubertal boars, 8 (1985) 287

Bratte, L. and Ibe, S.N., Optimal insemination interval, semen dose and dilution for optimum fertility in chickens under humid tropical conditions, 20 (1989) 179

Bravo, P.W. and Sumar, J., Laparoscopic examination of the ovarian activity in Alpacas, 21 (1989) 271

Braw-Tal, R., see Gootwine, E., 19 (1989) 109

Bray, A.R., see Montgomery, G.W., 6 (1983/1984) 209

Brien, F.D., see Davis, I.F., 4 (1981) 19

Briois, M., see Colas, G., 13 (1987) 255

Britt, J.H., see Cox, N.M., 12 (1986) 201

Britt, J.H., see Ziecik, A.J., 23 (1990) 123

Broadhurst, L., see D'Occhio, M.J., 22 (1990) 311

Brown, A.H., see Buddenberg, B.J., 18 (1989) 243

Brown, C.J., see Buddenberg, B.J., 18 (1989) 243

Brown, C.M., Axford, R.F.E., Williams, G., Wilson, I.B.H. and Owen, J.B., The effect of season and suckling on embryo quality from superovulated Welsh Black cows, 25 (1991) 181

Brown, J.L., see Chakraborty, P.K., 20 (1989) 91

Brown, M.B., see Lehrer, A.R., 1 (1978/1979) 297

Brown-Woodman, P.D.C., White, I.G. and Ridley, D.D., Comparison of α-chlorohydrin and two aromatic ketal analogues as antifertility agents in male rats, 21 (1989) 141

Bruere, A.N., see Chapman, H.M., 1 (1978) 9

Bruere, A.N., see Logue, D.N., 1 (1978) 25

Bryan, R.P., see O'Kelly, J.C., 16 (1988) 177

Bryant, M.J., see Hare, L., 8 (1985) 41

Buddenberg, B.J., Brown, C.J., Peterson, H.P. and Brown, A.H., Factors influencing pregnancy rate and calving date in four breeds of beef cows on an Ozark mountain range, 18 (1989) 243

Butcher, R.L., see Page, R.D., 14 (1987) 85

Buttle, H.L. and Morant, S.V., The pattern of luteinizing hormone secretion during pregnancy in goats, 11 (1986) 129

Buvanendran, V., see Oyedipe, E.O., 12 (1986) 195

Byers, S.W. and Glover, T.D., Effect of scrotal insulation on seminal fructose, peripheral plasma prolactin, and circulating steroids in rams, 5 (1982/1983) 295

C

Cahill, L.P., see Fry, R.C., 18 (1989) 149

Cairoli, F., see Tamanini, C., 9 (1985) 357

Calixto, J.B. and Antônio, A., The effect of barium on the contractile mechanism of isolated dog uteri; influence of the hormonal state, 8 (1985) 375

Callegari, S., see Cristofori, F., 21 (1989) 73

Camacho, T., see Arkins, S., 16 (1988) 277

Cameron, A.W.N., Tilbrook, A.J., Lindsay, D.R., Keogh, E.J. and Fairnie, I.J., The effect of testicular weight and insemination technique on fertility in sheep, 12 (1986) 189

Cameron, A.W.N., Tilbrook, A.J., Lindsay, D.R., Fairnie, I.J. and Keogh, E.J., The number of spermatozoa required by naturally mated ewes and the ability of rams to meet these requirements, 13 (1987) 91

Cameron, A.W.N. and Batt, P.A., PMSG may directly stimulate ovulation in female goats, 25 (1991) 233

Camous, S., see Prunier, A., 14 (1987) 205

Cantley, T.C., see Flowers, B., 21 (1989) 93

Cantley, T.C., see Martin, M.J., 24 (1991) 315

Cardoso, F.M. and Godinho, H.P., Cycle of the seminiferous epithelium and its duration in the zebu, *Bos indicus*, 5 (1982/1983) 231

Cardoso, F.M. and Queiroz, G.F., Duration of the cycle of the seminiferous epithelium and daily sperm production of Brazilian hairy rams, 17 (1988) 77

Cardoso, F.M., see Castro, A.C.S., 25 (1991) 83

Carlson, K.M., Pohl, H.A., Marcek, J.M., Muser, R.K. and Wheaton, J.E., Evaluation of progesterone controlled internal drug release dispensers for synchronization of estrus in sheep, 18 (1989) 205

Carlson, K.M., see Hamra, A.H., 18 (1989) 219

Carou, N., see Alberio, R.H., 14 (1987) 263

Carpenter, L.S. and Anderson, L.L., Pulsatile infusion of luteinizing hormone-releasing hormone: effects on luteinizing hormone secretion and ovarian function in prepuberal gilts, 9 (1985) 261

Carrié-Lemoine, J., see Bonneau, M., 15 (1987) 241

Carrié-Lemoine, J., see Bonneau, M., 15 (1987) 259

Carson, G.D., see Challis, J.R.G., 2 (1979) 29

Carter, A.M., see Ottesen, B., 6 (1983/1984) 217

Castro, A.C.S., Cardoso, F.M. and França, L.R., Effect of puberty and sexual development on daily sperm production and epididymal sperm reserves of Piau boars, 25 (1991) 83

Çelebi, M., see Özsar, S., 23 (1990) 319

Celeux, G., see Yenikoye, A., 21 (1989) 201

Cerini, J.C., Cerini, M., Findlay, J.K. and Lawson, R.A.S., Localization of prostaglandin F in the ovine uterus during early pregnancy, 2 (1979) 363

Cerini, M., see Cerini, J.C., 2 (1979) 363

Chaffaux, S., Reddy, G.N.S., Valon, F. and Thibier, M., Transrectal real-time ultrasound scanning for diagnosing pregnancy and for monitoring embryonic mortality in dairy cattle, 10 (1986) 193

Chakraborti, R., see Jagannadha Rao, A., 22 (1990) 261

Chakraborty, J., Constantinou, A. and McCorquodale, M., Monoclonal antibodies to bull sperm surface antigens, 9 (1985) 101

Chakraborty, P.K., Stuart, L.D. and Brown, J.L., Puberty in the male Nubian goat: serum concentrations of LH, FSH and testosterone from birth through puberty and semen characteristics at sexual maturity, 20 (1989) 91

Chakraborty, P.K., see Dutta, C., 22 (1990) 99

Chakraborty, P.K., see Bell, L.A., 22 (1990) 325

Challis, J.R.G., Carson, G.D., Glickman, J.A., MacLennan, E.A., Manchester, L., Patrick, J.E. and Workewych, J., The peripartal endocrine system in sheep, 2 (1979) 29

Challis, J.R.G., see Randall, G.C.B., 11 (1986) 283

Chambon, Y., see Lescoat, D., 7 (1984) 555

Chamley, W.A., see Cronin, G.M., 5 (1982/1983) 199

Chan, J.S.D., see Robertson, H.A., 3 (1980) 69

Chan, J.S.D., see Nie, Z.-R., 22 (1990) 213

Chan, J.S.D., Nie, Z.-R. and Pang, S.C., Cellular localization of ovine placental lactogen using monoclonal antibodies, 23 (1990) 33

Chantaraprateep, P. and Thibier, M., Plasma androstenedione after injections of dexamethasone and luteinizing hormone releasing hormone in young post-pubertal bulls, 4 (1981) 1

Chapman, H.M., Bruere, A.N. and Jaine, P.M., XY gonadal dysgenesis in a Charolais heifer, 1 (1978) 9

Chaudhary, K.C., see Khokhar, B.S., 13 (1097) 177

Chaudhry, R.A., see Ahmad, N., 3 (1980/1981) 301

Chauhan, F.S., Sharma, R.D. and Singh, G.B., Compatibility between serum progesterone profile and rectal/clinical findings in normal cycling, suboestrus, and after treatment with prostaglandin in suboestrous buffaloes, 8 (1985) 137

Chaykin, S., see Wright, R.J., Jr., 1 (1978) 181

Chemineau, P., Effects of a progestagen on buck-induced short ovarian cycles in the Creole meat goat, 9 (1985) 87

Chemineau, P., Levy, F. and Thimonier, J., Effects of anosmia on LH secretion, ovulation and oestrous behaviour induced by males in the anovular Creole goat, 10 (1986) 125

Chemineau, P., see Mahieu, M., 19 (1989) 235

Chen, Y., Yang, X. and Foote, R.H., Timed breeding of rabbits with fresh and frozen-thawed semen and evidence of acrosome alteration following freezing and thawing, 18 (1989) 35

Chesworth, J.M., see Aboul-Ela, M.B., 6 (1983/1984) 229

Chevallier-Clément, F., Pregnancy loss in the mare, 20 (1989) 231

Chiboka, O., Semen characteristics of West African Dwarf rams, 3 (1980) 247

Chiboka, O., see Okere, C., 11 (1986) 249

Chicoteau, P., Mamboue, E., Cloe, C. and Bassinga, A., Oestrous behaviour of Baoule cows (*Bos taurus*) in Burkina Faso, 21 (1989) 153

Chiesa, F., see Tamanini, C., 9 (1985) 357

Chiesa, F., see Tamanini, C., 11 (1986) 35

Chiesa, F., see Prandi, A., 13 (1987) 291

Chiesa, F., see Prandi, A., 17 (1988) 85

Chikamatsu, N., see Fukui, Y., 18 (1989) 139

Chinnaiya, G.P., see Balakrishnan, M., 11 (1986) 11

Chmiel, J., see Krzymowski, T., 4 (1981/1982) 199

Choi, H.S., Möstl, E. and Bamberg, E., Progesterone, 17α-hydroxyprogesterone, androgens and oestrogens in bovine ovarian cysts, 5 (1982/1983) 175

Choi, H.S., see Möstl, E., 14 (1987) 245

Choi, H.S., Kiesenhofer, E., Gantner, H., Hois, J. and Bamberg, E., Pregnancy diagnosis in sows by estimation of oestrogens in blood, urine or faeces, 15 (1987) 209

Chow, P.Y.W., White, I.G. and Pickett, B.W., Stallion sperm and seminal plasma phospholipids and glycerylphosphorylcholine, 11 (1986) 207

Chrisman, C.L., see Baumgartner, A.P., 14 (1987) 309

Christensen, D.A. and Kesler, D.J., Passage of testosterone, testosterone propionate

and testosterone enanthate from silastic implants and the retention of testosterone once it enters the blood of ewes, 7 (1984) 531

Christenson, R.K., see Allrich, R.D., 8 (1985) 281

Christenson, R.K., see Wise, T., 24 (1991) 139

Chun, S.Y., see Rosenberg, M., 24 (1991) 13

Chupin, D. and Procureur, R., Efficiency of pituitary extracts (FSH) for induction of superovulation in cattle, 6 (1983) 11

Chupin, D., see Tamboura, D., 8 (1985) 327

Chupin, D., see Le Van Ty, 19 (1989) 171

Ciereszko, A., Jablonowska, Cz. and Strzeżek, J., Aspartate aminotransferase activity in motile and immotile spermatozoa fractions of frozen-thawed boar semen obtained after filtration on columns filled with chitin, 23 (1990) 237

Ciereszko, R., see Dusza, L., 17 (1988) 115

Ciereszko, R., Dusza, L., Okrasa, S., Kotwica, G. and Tilton, J.E., Endocrine changes associated with spontaneous luteolysis in sows, II. Temporal relationships among the concentrations of A_4, T, E_1 and E_2 measured in utero-ovarian vein plasma, 21 (1989) 53

Ciereszko, R., see Kotwica, G., 22 (1990) 109

Clamohoy, L.L., The reproductive efficiency of wild species of mammals in captivity at the Metro Toronto Zoo, Canada, 1 (1978) 31

Clapper, J.A., Ottobre, J.S., Ottobre, A.C. and Zartman, D.L., Estrual rise in body temperature in the bovine, I. Temporal relationships with serum patterns of reproductive hormones, 23 (1990) 89

Clarke, I.J., Induction of male behaviour in ovariectomized ewes and ovariectomized-androgenized ewes chronically implanted with oestradiol-17β or testosterone, 1 (1978/1979) 305

Clarke, I.J., see Wright, P.J., 21 (1989) 237

Clarke, I.J., see Wright, P.J., 23 (1990) 293

Clarke, R.N. and Ottinger, M.A., Factors related to decreased testosterone concentrations in the peripheral circulation of the maturing male chicken (*Gallus domesticus*) fed aflatoxin, 18 (1989) 25

Claus, R., Over, R., Dehnhard, M., Effect of male odeur on LH secretion and the induction of ovulation in seasonally anoestrous goats, 22 (1990) 27

Claus, R., Meyer, H.-D., Giménez, T., Hoang-Vu, C. and Münster, E., Effect of seminal oestrogens of the boar on prostaglandin $F_{2\alpha}$ release from the uterus of the sow, 23 (1990) 145

Cloe, C., see Chicoteau, P., 21 (1989) 153

Clover, L., see Silver, M., 2 (1979) 305

Cochrane, R.L. and Powell, J.G., Jr., The effects of four potent prostaglandin synthesis inhibitors on the duration of pseudopregnancy in the rat, 11 (1986) 215

Cochrane, R.L., Powell, J.G., Jr., Wagner, J.F. and Rathmacher, R.P., Evaluation of a fatty acid cyclo-oxygenase inhibitor as a potential agent for synchronizing oestrus and mating, 11 (1986) 223

Cohen-Tannoudji, J. and Signoret, J.P., Effect of short exposure to the ram on later reactivity of anoestrous ewes to the male effect, 13 (1987) 263

Colas, G., Guerin, Y., Briois, M. and Ortavant, R., Photoperiodic control of testicular growth in the ram lamb, 13 (1987) 255

Cole, D.J.A., see Eastham, P.R., 12 (1986) 31

Collins, C., see Stone, B.A., 15 (1987) 217

Comin, A., see Bono, G., 21 (1989) 101

Comline, R.S., see Silver, M., 2 (1979) 305

Conley, A.J., Pusateri, A.E., Van Orden, D.E. and Ford, S.P., Effect of intraluteal estradiol-17β implants on weight

and progesterone secretion of porcine corpora lutea, 20 (1989) 221

Conley, A.J. and Ford, S.P., Effects of $PGF_{2\alpha}$ on pig corpora lutea following administration on Day 9 of the estrous cycle, 24 (1991) 335

Connell, P.J., see Tyrrell, R.N., 3 (1980) 149

Constantinou, A., see Chakraborty, J., 9 (1985) 101

Cooke, R.G. and Homeida, A.M., Effect of progesterone administration on the release of uterine prostaglandin $F_{2\alpha}$ and ovarian oxytocin in the goat, 13 (1987) 191

Cooke, R.G. and Benhaj, K.M., Effects of ACTH and cortisol on luteolysis in the ewe, 20 (1989) 201

Copeland, D.D., see Schultz, R.H., 7 (1984) 235

Copin, M., see Hochereau-De Reviers, M.-T., 23 (1990) 21

Cornish, K.A., see Holland, E.J., 4 (1981) 127

Cornu, C., see Hochereau-De Reviers, M.-T., 23 (1990) 21

Cort, N., A clinical study on the effect of a Gram-negative bacterial endotoxin and cloprostenol in non-pregnant and 60-day-pregnant gilts, 10 (1986) 133

Cort, N., Kindahl, H. and Einarsson, S., The effect of a Gram-negative bacterial endotoxin and cloprostenol on the plasma levels of 15-keto-13,14-dihydro-$PGF_{2\alpha}$, progesterone, oestradiol-17β, oestrone sulphate and luteinizing hormone in non-pregnant and 60-day-pregnant gilts, 10 (1986) 147

Coulter, G.H. and Bailey, D.R.C., Epididymal sperm reserves in 12-month-old Angus and Hereford bulls: effects of bull strain plus dietary energy, 16 (1988) 169

Cox, J.E., Testosterone concentrations in normal and cryptorchid horses. Response to human chorionic gonadotrophin, 18 (1989) 43

Cox, J.E. and Skidmore, J.L., The effect of alternating months of "long days" and "short days" on plasma luteinising hormone and testosterone concentrations in Welsh Mountain Pony stallions, 25 (1991) 51

Cox, N.M. and Britt, J.H., Pulsatile secretion of luteinizing hormone and follicle stimulating hormone and their relationship to secretion of estradiol and onset of estrus in weaned sows, 12 (1986) 201

Cox, R.I., see Croker, K.P., 13 (1987) 45

Cox, R.I., see Croker, K.P., 25 (1991) 199

Coy, A. and García-Winder, M., Luteal life span induced by hCG in *Bos taurus* × *Bos indicus* beef heifers treated with norgestomet for different periods, 24 (1991) 159

Crabo, B.G., see Fayemi, O.E., 23 (1990) 245

Craig, V.A., see Flint, A.P.F., 2 (1979) 239

Cremonesi, F., see Ferrandi, B., 13 (1987) 211

Cristofori, F., Aria, G., Vincenti, L., Callegari, S., Aaden, A.S. and Gheddi, A.M., Mating-dependent endocrinological variations in female *Camelus dromedarius*, 21 (1989) 73

Croker, K.P., Cox, R.I., Johnson, T.J. and Wilson, P.A., The immunization of ewes against steroids as a means of increasing prolificacy in a Mediterranean environment, 13 (1987) 45

Croker, K.P., Johns, M.A., Wilson, P.A. and Cox, R.I., The reproductive performance of Merino ewes in Western Australia following simultaneous immunization against several steroids, 25 (1991) 199

Cromwell, G.L., see Berghorn, K.A., 19 (1989) 273

Cronin, G.M., Hemsworth, P.H. and Winfield, C.G., Oestrus behaviour in relation to fertility and fecundity of gilts, 5 (1982) 11′,

Cronin, G.M., Hemsworth, P.H., Winfield, C.G., Muller, B. and Chamley, W.A., The incidence of, and factors associated with, failure to mate by 245 days of age in the gilt, 5 (1982/1983) 199

Cronin, G.M., The effect of early contact with mature boars on reproductive efficiency in the gilt, 6 (1983) 51

Crosbie, S.F., see Kelly, R.W., 6 (1983/1984) 199

Crosbie, S.F., see Hinch, G.N., 8 (1985) 53

Crosbie, S.F., see Hinch, G.N., 12 (1986) 47

Crosby, T.F., see Boland, M.P., 9 (1985) 241

Crosby, T.F., Boland, M.P. and Gordon, I., Effect of progestagen treatments on the incidence of oestrus and pregnancy rates in ewes, 24 (1991) 109

Crosby, T.P., see Boland, M.P., 6 (1983) 119

Cross, D.T., see Bessent, C., 16 (1988) 159

Croy, B.A., see Domínguez, M.M., 22 (1990) 181

Csernus, V., see Haraszti, J., 9 (1985) 125

Cummin, I.A., see Folman, Y., 4 (1981) 117

Cumming, I.A., see Davis, I.F., 4 (1981) 19

Cummings, E., see Liptrap, R.M., 19 (1989) 131

Cummins, J.M., see Thompson, J.G.E., 9 (1985) 75

Cummins, J.M., see Thompson, J.G.E., 12 (1986) 151

Cunningham, J.M., see Pope, G.S., 22 (1990) 9

Curl, J.S., see Thatcher, W.W., 7 (1984) 149

Curran, S., Kastelic, J.P. and Ginther, O.J., Determining sex of the bovine fetus by ultrasonic assessment of the relative location of the genital tubercle, 19 (1989) 217

Currie, W.B., Uterine excitability and distensibility influenced by treatment *in vitro* with progesterone, 2 (1979) 225

Curson, B., see Shannon, P., 15 (1987) 161

Czarnocki, J., see Krzymowski, T., 4 (1981/1982) 199

Czarnocki, J., see Krzymowski, T., 5 (1982) 25

Czarnocki, J., see Kotwica, J., 5 (1982/1983) 303

Czarnocki, J., see Krzymowski, T., 11 (1986) 259

Czarnocki, J., see Krzymowski, T., 13 (1987) 199

D

D'Antuono, M.F., see Paterson, A.M., 24 (1991) 323

D'Occhio, M.J., Schanbacher, B.D. and Kinder, J.E., Use of hypothalamic releasing hormones to evaluate the reproductive endocrine status of rams, 16 (1988) 249

D'Occhio, M.J., see Gifford, D.R., 19 (1989) 209

D'Occhio, M.J., Neish, A. and Broadhurst, L., Differences in gonadotrophin secretion post partum between Zebu and European breed cattle, 22 (1990) 311

Daader, A.H., see El-Gaafary, M.N., 23 (1990) 13

Dadoune, J.P., see Ruknudin, A., 16 (1988) 145

Daigo, M., see Kamiya, S., 16 (1988) 191

Dailey, R.A., see Usmani, R.H., 8 (1985) 225

Dailey, R.A., see Page, R.D., 14 (1987) 85

Danell, Ö., see Berglund, B., 15 (1987) 61

Dantzer, V. and Svenstrup, B., Relationship between ultrastructure and oestrogen levels in the porcine placenta, 11 (1986) 139

Das, D., see Dodson, S.E., 21 (1989) 1

Dass, S., see Jainudeen, M.R., 4 (1981/1982) 213

Dass, S., see Bongso, T.A., 5 (1982) 111

Davis, G.H., see Hinch, G.N., 8 (1985) 53

Davis, G.H. and Johnstone, P.D., Ovulation response to pregnant mares' serum gonadotrophin in prepubertal ewe lambs of different Booroola genotypes, 9 (1985) 145

Davis, G.H., see Hinch, G.N., 12 (1986) 47

Davis, I.F., Brien, F.D., Findlay, J.K. and Cumming, I.A., Interactions between dietary protein, ovulation rate and follicle stimulating hormone level in the ewe, 4 (1981) 19

Dawuda, P.M., see Rekwot, P.I., 14 (1987) 187

Dawuda, P.M., Eduvie, L.O., Esievo, K.A.N. and Molokwu, E.C.I., Silent oestrus manifestations in Nigerian Bunaji Zebu cows, 21 (1989) 79

Dawuda, P.M., Esievo, K.A.N., Eduvie, L.O., Molokwu, E.C.I. and Olorunju, S.A.S., Inverse relationships between skimmed milk progesterone and somatic cell counts during gestation and postpartum periods in Bunaji Zebu cows, 23 (1990) 1

Day, A.M., see Macmillan, K.L., 3 (1980) 171

Day, A.M., see Macmillan, K.L., 8 (1985) 203

Day, A.M., see Macmillan, K.L., 8 (1985) 213

Day, A.M., see Macmillan, K.L., 11 (1986) 1

Day, B.N., see Flowers, B., 21 (1989) 93

Day, B.N., see Martin, M.J., 24 (1991) 315

De Rensis, F., see Tamanini, C., 13 (1987) 283

De Saedeleer, V., Wechsung, E. and Houvenaghel, A., Influence of substance P on myoelectrical activity of the infundibulum, uterus and vagina in the conscious domestic hen, 21 (1989) 283

De Saedeleer, V., Wechsung, E. and Houvenaghel, A., Influence of substance P on in vitro motility of the oviduct and intestine in the domestic hen, 21 (1989) 293

de Silva, L.N.A., see Lundström, K., 5 (1982) 99

De Silva, L.N.A., see Perera, B.M.A.O., 14 (1987) 115

DeAlba, E., see Zartmant, D.L., 4 (1981/1982) 261

Degen, A.A., see Elias, E., 25 (1991) 173

Dehnhard, M., see Claus, R., 22 (1990) 27

Deligeorgis, S.G., see Bizelis, J.A., 23 (1990) 197

Demirci, E., Fertility in Purebred Arab horses in Turkey, 15 (1987) 265

Den Hartog, L.A., see Kemp, B., 17 (1988) 103

Den Hartog, L.A., see Kemp, B., 20 (1989) 103

Den Hartog, L.A., see Kemp, B., 20 (1989) 245

Dewulf, M. and Lahlou-Kassi, A., Seasonal sexual activity and post-partum anoestrus in two Moroccan breeds of sheep: Beni-Guil and Sardi, 10 (1986) 99

Dharmawardena, J., see Rajamahendran, R., 3 (1980) 107

Dial, G.D., see Almond, G.W., 22 (1990) 243

Diaz, P., Gosalvez, L.F. and Rodriguez, J.M., Sexual behaviour in the postpartum period of domestic rabbits, 17 (1988) 251

Diehl, J.R., see Bell, L.A., 22 (1990) 325

Diekman, M.A., see Brandt, K.E., 8 (1985) 287

Diekman, M.A. and Grieger, D.M., Influence of varying intensities of supplemental lighting during decreasing daylengths on puberty in gilts, 16 (1988) 295

Dieleman, S.J., see Taverne, M., 1 (1978/1979) 257

Dieleman, S.J., Bevers, M.M., Van Tol, H.T.M. and Willemse, A.H., Peripheral plasma concentrations of oestradiol, progesterone, cortisol, LH and prolactin during the oestrous cycle in the cow, with emphasis on the peri-oestrous period, 10 (1986) 275

Dieleman, S.J., see Bevers, M.M., 14 (1987) 95

Dieleman, S.J., see Bevers, M.M., 15 (1987) 37

Dieleman, S.J., see Bevers, M.M., 17 (1988) 21

Dieleman, S.J., see Taverne, M.A.M., 17 (1988) 51

Dieleman, S.J., see Bevers, M.M., 18 (1989) 87

Dim, N.I., see Fasanya, O.O.A., 14 (1987) 65

Dimmick, M.A., Giménez, T. and Spitzer, J.C., Ovarian endocrine activity and development of ovarian follicles during the postpartum interval in beef cows, 24 (1991) 173

Dinger, J.E. and Noiles, E.E., Ovarian activity in synchronized mares following administration of follicle stimulating hormone, 7 (1984) 511

Dixit, A.S., see Kumar, V., 9 (1985) 375

Dixit, V.P., Jain, H.C. and Sharma, A.N., Testicular and accessory organ degeneration induced by subcutaneous injection of quinacrine in the gerbil (*Meriones hurrianae* Jerdon), 3 (1980) 83

Dixit, V.P., see Georgie, G.C., 9 (1985) 95

Doboszynska, T., see Ziecik, A., 10 (1986) 215

Doboszynska, T. and Ziecik, A., Histomorphological comparison of the ovaries in early-pregnant and oestradiol-treated pigs, 10 (1986) 225

Dobson, H., see Fitzpatrick, R.J., 2 (1979) 209

Dobson, H., see Huang, Y.D., 11 (1986) 173

Dobson, H., see Alam, M.G.S., 14 (1987) 1

Dobson, H., see Nanda, A.S., 22 (1990) 289

Dodson, S.E., McLeod, B.J., Haresign, W., Peters, A.R., Lamming, G.E. and Das, D., Ovarian control of gonadotrophin secretion in the prepubertal heifer, 21 (1989) 1

Dodson, S.E., McLeod, B.J., Lamming, G.E. and Peters, A.R., Ovulatory responses to continuous administration of GnRH in nine-month-old prepubertal beef heifers, 22 (1990) 271

Dodson, S.E., see McLeod, B.J., 24 (1991) 1

Domański, E., see Skubiszewski, B., 4 (1981/1982) 269

Domański, E., see Przekop, F., 7 (1984) 333

Domínguez, M.M., Liptrap, R.M., Croy, B.A. and Basrur, P.K., Hormonal correlates of ovarian alterations in bovine freemartin fetuses, 22 (1990) 181

Dominguez, R., see Rosales, A.M., 23 (1990) 213

Dominic, C.J., see Rajendren, G., 7 (1984) 377

Dominic, C.J., see Gangrade, B.K., 8 (1985) 181

Doney, J.M., see Rhind, S.M., 8 (1985) 301

Donnelly, J.B., see Tyrrell, R.N., 3 (1980) 155

Dostál, J., see Matoušek, J., 1 (1978) 49

Dostál, J., see Matoušek, J., 1 (1978/1979) 193

Dostál, J., Veselý L. and Jílek, F., Isolation and characterization of polymorphic protein in boar prostatic secretions, 1 (1978/1979) 265

Downey, B.R., see Peirce, A.R.J., 13 (1987) 165

Downey, B.R., see Karalus, U., 22 (1990) 235

Driancourt, M.A., see Philipon, P., 15 (1987) 101

Driancourt, M.A., see Philipon, P., 19 (1989) 53

Driancourt, M.A., see Le Van Ty, 19 (1989) 171

Driancourt, M.A., see Mahieu, M., 19 (1989) 235

Drost, M., see Thatcher, W.W., 7 (1984) 149

Drost, M., see Putney, D.J., 19 (1989) 37

Drost, M., see Putney, D.J., 20 (1989) 31

Duby, R.T., see Spicer, L.J., 25 (1991) 57

Duchateau, A., see Jiménez, F., 16 (1988) 199

Dukelow, W.R. and Maatman, T.J., Enzymatic degradation of avian follicular tissue by proteases and lipase, 1 (1978) 75

Dukelow, W.R., Theodoran, C.G., Howe-Baughman, J. and Magee, W.T., Ovulatory patterns in the squirrel monkey (*Saimiri sciureus*), 4 (1981) 55

Dukelow, W.R., see Evans, M.A., 4 (1981/1982) 237

Dukelow, W.R., see Ridha, M.T., 9 (1985) 253

Duluc, A.J., see Sartor, P., 1 (1978) 93

Dunstan, E.A., see Kennaway, D.J., 5 (1982/1983) 287

Dupont, M.A., see Sartor, P., 1 (1978) 93

Dura, M., Tilton, J.E., Ziecik, A., Weigl, R.M. and Williams, G.L., Use of altrenogest alone or in combination with PMSG to control the preovulatory LH surge in gilts, 14 (1987) 147

Duschinski, U., see Pavlok, A., 16 (1988) 207

Dusza, L., see Ziecik, A., 10 (1986) 215

Dusza, L., Okrasa, S., Ciereszko, R., Kotwica, G. and Tilton, J.E., Endocrine changes associated with spontaneous luteolysis in sows, I. Temporal relationships among prolactin, prostaglandin $F_{2\alpha}$, progesterone and LH^3, 17 (1988) 115

Dusza, L., see Ciereszko, R., 21 (1989) 53

Dusza, L., see Kotwica, G., 22 (1990) 109

Dutta, C., Stuart, L.D. and Chakraborty, P.K., Characterization of cystic endometrial hyperplasia (CEH) in swine leukocyte antigen (SLA) miniature swine; serum hormone and endometrial estrogen receptor concentrations, 22 (1990) 99

Dvorak, R.A., A note on the relationship between barometric pressure and calving incidence, 1 (1978) 3

Dyck, G.W., see Eastham, P.R., 12 (1986) 31

Dzabirski, V. and Notter, D.R., Effects of breed and time since lambing on spring estrous activity in mature ewes, 19 (1989) 99

Dziuk, P., Control and mechanics of parturition in the pig, 2 (1979) 335

Dziuk, P.J., see Niemann, H., 5 (1982/1983) 311

Dziuk, P.J., see Suter, D.E., 11 (1986) 43

Dziuk, P.J., see Kendall, J.Z., 16 (1988) 107

E

Eaglesome, M.D., see Betteridge, K.J., 4 (1981/1982) 207

Eaglesome, M.D., see Betteridge, K.J., 7 (1984) 195

Eastham, P.R., Dyck, G.W. and Cole, D.J.A., The effect of age at stimulation by relocation and first mature boar contact on the attainment of puberty in the gilt, 12 (1986) 31

Ectors, F., see Massip, A., 19 (1989) 117

Edey, t.N., see Raadsma, H.W., 6 (1983/1984) 153

Edey, T.N., see Raadsma, H.W., 8 (1985) 79

Edey, T.N., see Raadsma, H.W., 8 (1985) 101

Edey, T.N., see Sutama, I.K., 16 (1988) 53

Edey, T.N., see Sutama, I.K., 16 (1988) 61

Edgerton, L.A., see Berghorn, K.A., 19 (1989) 273

Edmondson, A.J., Fissore, R.A., Pashen, R.L. and BonDurant, R.H., The use of ultrasonography for the study of the bovine reproductive tract, I. Normal and pathological ovarian structures, 12 (1986) 157

Edmondson, A.J., see Fissore, R.A., 12 (1986) 167

Edqvist, L.-E., see Lindell, J.-O., 3 (1980/1981) 289

Edqvist, L.-E., see Karlbom, I., 4 (1981/1982) 301

Edqvist, L.-E., see Andersson, A.-M., 6 (1983/1984) 301

Edqvist, L.-E., see Kindahl, S., 7 (1984) 133

Edqvist, L.-E., see Fredriksson, G., 7 (1984) 537

Edqvist, L.-E., see Fredriksson, G., 8 (1985) 109

Edqvist, L.-E., see Oyedipe, E.O., 12 (1986) 195

Edqvist, L.-E., see Rojanasthien, S., 17 (1988) 123

Edqvist, L.-E., see Oyedipe, E.O., 20 (1989) 255

Edqvist, L.-E., see Rojkittikhun, T., 24 (1991) 355

Eduvie, L.O., Factors influencing postpartum ovarian activity and uterine involution in zebu cattle indigenous to Nigeria, 8 (1985) 123

Eduvie, L.O., see Dawuda, P.M., 21 (1989) 79

Eduvie, L.O., see Dawuda, P.M., 23 (1990) 1

Edwards, J., see Summers, P.M., 6 (1983) 79

Edwards, S., see Lancaster, R.T., 8 (1985) 365

Eger, S., Shemesh, M., Schindler, H., Amir, S. and Foote, R.H., Characterization of short luteal cycles in the early postpartum period and their relation to reproductive performance of dairy cows, 16 (1988) 215

Eggenberger, E., see Thun, R., 9 (1985) 341

Einarsson, S., see Karlbom, I., 4 (1981/1982) 301

Einarsson, S., see Kunavongkrit, A., 5 (1982) 47

Einarsson, S., see Andersson, A.-M., 6 (1983/1984) 301

Einarsson, S., see Rodriguez-Martinez, H., 8 (1985) 259

Einarsson, S., see Cort, N., 10 (1986) 147

Einarsson, S., see Rojanasthien, S., 13 (1987) 299

Einarsson, S., see Rojanasthien, S., 17 (1988) 123

Einarsson, S., see Rojkittikhun, T., 24 (1991) 355

Einarsson, S., see Eliasson, L., 25 (1991) 143

Einer-Jensen, N., see Ottesen, B., 6 (1983/1984) 217

Einer-Jensen, N., see Stefańczyk-Krzymowska, S., 23 (1990) 223

El-Gaafary, M.N., Daader, A.H. and Ziedan, A., Effects of caffeine on bull semen quality and sperm penetration into cervical mucus, 23 (1990) 13

El-Gaafary, M.N., Abd El-Hamid, M.W. and Abd El-Rahim, M.I., Acrosomal damage and enzymic release of rabbit semen supplemented with prostaglandin $F_{2\alpha}$, 24 (1991) 153

El-Keraby, F.E., see Aboul-Ela, M.B., 6 (1983/1984) 229

El-Keraby, F.E., see Aboul-Ela, M.B., 12 (1986) 99

El-Manna, M.M., see Tingari, M.D., 12 (1986) 213

El-Manna, M.M., Tingari, M.D. and Ahmed, A.K., Studies on camel semen, II. Biochemical characteristics, 12 (1986) 223

Elger, W., Pharmacology of parturition and abortion, 2 (1979) 133

Elias, E., Degen, A.A. and Kam, M., Effect of conception date on length of gestation in the dromedary camel (*Camelus dromedarius*) in the Negev Desert, 25 (1991) 173

Eliasson, L., Rydhmer, L., Einarsson, S. and Andersson, K., Relationships between puberty and production traits in the gilt 1. Age at puberty, 25 (1991) 143

Eliasson, L., Relationships between puberty and production traits in the gilt 2. Oestrous symptoms at puberty, 25 (1991) 255

Ellen, R.L., see Henderson, K.M., 22 (1990) 121

Ellendorff, F., see Forsling, M.L., 2 (1979) 43

Ellendorff, F., Taverne, M., Elsaesser, F., Forsling, M., Parvizi, N., Naaktgeboren, C. and Smidt, D., Endocrinology of parturition in the pig, 2 (1979) 323

Ellendorff, F., see Koch, E., 11 (1986) 195

Ellendorff, F., see Wagner, W.C., 11 (1986) 243

Ellison, J.D. and Jenkins, N., Regulation of plasminogen activator secretion in Sertoli cells of the calf testis, 20 (1989) 1

Ellison, J.D., see Jenskins, N., 20 (1989) 11

Elmore, R.G., see Heimann, E.D., 7 (1984) 315

Els, D.L., see Grobbelaar, J., 19 (1989) 245

Elsaesser, F., see Ellendorff, F., 2 (1979) 323

Elsaesser, F., see Van der Meulen, J., 24 (1991) 305

Elsaesser, F., Parvizi, N. and Schmitz, U., Inhibitory feedback action of oestradiol on tonic secretion of luteinizing hormone in pre- and postpubertal gilts, 25 (1991) 155

Elsaied, D., see Eltohamy, M.M., 16 (1988) 303

Elsen, J.-M., see Hochereau-De Reviers, M.-T., 23 (1990) 21

Eltohamy, M.M., Younis, M. and Elsaied, D., Effects of zinc deficiency on prostaglandins and fatty acid composition of the testes of rabbits, 16 (1988) 303

Eltohamy, M.M., Zakaria, A.D. and Taha, N.A., Changes in the contents of buffalo cervical mucus during different phases of the oestrous cycle, 22 (1990) 203

Elving, L., see Grommers, F.J., 9 (1985) 365

Elving, L., see Joosten, I., 14 (1987) 251

Elving, L., see Joosten, I., 25 (1991) 11

ElWishy, A.B., Seasonal variation in ovarian activity of fat-tailed sheep in the subtropics, 7 (1984) 563

ElWishy, A.B. and Ghoneim, I.M., Breeding activity of the camel (*Camelus dromedarius*), 11 (1986) 75

ElWishy, A.B., Reproduction in the female dromedary (*Camelus dromedarius*): a review, 15 (1987) 273

ElWishy, A.B., Reproduction in the male dromedary (*Camelus dromedarius*): a review, 17 (1988) 217

Engel, B., see Nasir Hussain Shah, S., 21 (1989) 25

Engel, B., see Nasir Hussain Shah, S., 21 (1989) 177

Entwistle, K.W., see Wildeus, S., 6 (1983) 1

Entwistle, K.W., see Wildeus, S., 10 (1986) 11

Erickson, E.D., see Larson, L.L., 9 (1985) 31

Esbenshade, K.L. and Huff, B.G., Involvement of hypothalamic compounds in the expression of estrus in the pig, 18 (1989) 51

Esbenshade, K.L., see Ziecik, A.J., 23 (1990) 123

Esch, M.W., see Frank, G.R., 15 (1987) 121

Esievo, K.A.N., see Dawuda, P.M., 21 (1989) 79

Esievo, K.A.N., see Dawuda, P.M., 23 (1990) 1

Esquifino, A., see Rodriguez, J.M., 20 (1989) 57

Etches, R.J., see Narendran, R., 4 (1981/1982) 227

Evans, G. and Robinson, T.J., Reproductive potential and endocrinological responses of sheep kept under controlled lighting, I. Comparative reproductive performance of four breed types of ewe, 3 (1980) 23

Evans, G. and Robinson, T.J., Reproductive potential and endocrinological responses of sheep kept under controlled lighting, II. Pituitary and gonadal responses of ewes and rams to a six-monthly light cycle, 3 (1980) 39

Evans, G., Reproductive potential and endocrinological responses of sheep kept under controlled lighting, III. Prolactin and pituitary responsiveness to gonadotrophin releasing hormone in the post partum period, 3 (1980) 57

Evans, G., see Jabbour, H.N., 24 (1991) 259

Evans, M.A. and Dukelow, W.R., Effect of HCG on resorption and fetal weight in the hamster (*Mesocricetus auratus*), 4 (1981/1982) 237

Evans, M.J., see Hamer, J.M., 9 (1985) 317

Eyal, E., see Gur-Arie, E., 12 (1986) 85

Ezeokoli, C.D., see Ogwu, D., 12 (1986) 179

Ezov, N., Maltz, E., Yarom, R., Lewis, G.S., Schindler, D., Ron, M., Aizinbud, E. and Lehrer, A.R., Cell density, fluid volume and electrolyte content of bovine vulvar tissue during oestrus and dioestrus, 22 (1990) 281

Ezov, N., see Schindler, D., 23 (1990) 283

F

Fabre-Nys, C.J. and Venier, G., Quantitative analysis of oestrous behaviour through the breeding season in two breeds of sheep, 21 (1989) 37

Fagerström, R., see Sundqvist, C., 11 (1986) 295

Fahmy, M.H. and Guilbault, L.A., Effect of transportation stress on ovarian activities and reproductive performance of ewes during the anoestrous period, 19 (1989) 229

Fairnie, I.J., see Cameron, A.W.N., 12 (1986) 189

Fairnie, I.J., see Cameron, A.W.N., 13 (1987) 91

Farid, A., Makarechian, M., Price, M.A. and Berg, R.T., Repeatability of reproductive performance of beef bulls as yearlings and two-year-olds at pasture, 14 (1987) 21

Fasanya, O.O.A., Molokwu, E.C.I., Adegboye, D.S. and Dim, N.I., Gross and histological changes of the postpartum genitalia of Savanna Brown goats, 14 (1987) 65

Fatimah, I., see Bongso, T.A., 5 (1982) 111

Fayemi, O.E., Joo, H.S. and Crabo, B.G., Effect of immunization with sperm or seminal plasma on spermatozoal quality in boars, 23 (1990) 245

Fayrer-Hosken, R.A., see Schellander, K., 18 (1989) 95

Fennessy, P.F., see Fisher, M.W., 23 (1990) 49

Ferland, L., see Lambert, R.D., 3 (1980/1981) 335

Ferrandi, B., Cremonesi, F. and Porcelli, F., Microphotometric measurement of some enzymatic activities in rabbit spermatozoa during epididymal maturation, 13 (1987) 211

Findlay, J.K., see Cerini, J.C., 2 (1979) 363

Findlay, J.K., see Davis, I.F., 4 (1981) 19

Findlay, J.K., see Al-Obaidi, S.A.R., 14 (1987) 39

First, N.L., see Ware, C.B., 16 (1988) 97

Firth, J.H., see Salamon, S., 2 (1979) 373

Fischel, R.E., Tadmor, A., Lehrer, A.R. and Schindler, H., Cineradiography of uterine motility in the cycling ewe, 1 (1978) 155

Fischler, H., see Lehrer, A.R., 1 (1978/1979) 297

Fiser, P.S., Hansen, C., Underhill, K.L. and Shrestha, J.N.B., The effect of induced ice nucleation (seeding) on the post-thaw motility and acrosomal integrity of boar spermatozoa, 24 (1991) 293

Fisher, D.A., see Nathanielsz, P.W., 2 (1979) 57

Fisher, M.W., Fennessy, P.F. and Johnstone, P.D., The timing of melatonin treatment affects the seasonal onset of ovarian activity, coat growth and live weight in young red deer hinds, 23 (1990) 49

Fisher, M.W., see Jopson, N.B., 23 (1990) 61

Fissore, R.A., see Edmondson, A.J., 12 (1986) 157

Fissore, R.A., Edmondson, A.J., Pashen, R.L. and BonDurant, R.H., The use of ultrasonography for the study of the bovine reproductive tract, II. Non-pregnant, pregnant and pathological conditions of the uterus, 12 (1986) 167

Fitz, T.A., see Silvia, W.J., 7 (1984) 57

Fitzpatrick, R.J. and Dobson, H., The cervix of the sheep and goat during parturition, 2 (1979) 209

Fitzpatrick, R.J., see Huang, Y.D., 11 (1986) 173

Fitzsimons, J., see Ronayne, E., 24 (1991) 283

Fletcher, I.C., see Gede, I Putu, 11 (1986) 99

Fletcher, I.C., see Henniawati, 12 (1986) 77

Fletcher, I.C., see Lubis, A., 13 (1987) 183

Fletcher, I.C., see Sutama, I.K., 16 (1988) 53

Fletcher, I.C., see Sutama, I.K., 16 (1988) 61

Flint, A.P.F., Ricketts, A.P. and Craig, V.A., The control of placental steroid synthesis at parturition in domestic animals, 2 (1979) 239

Flint, A.P.F., see Sheldrick, E.L., 7 (1984) 101

Flowers, B., Martin, M.J., Cantley, T.C. and Day, B.N., The effect of pregnant mare serum gonadotropin on follicle stimulating hormone and estradiol secretion in the prepuberal gilt, 21 (1989) 93

Flowers, W.L., see Martin, M.J., 24 (1991) 315

Folman, Y., McPhee, S.R. and Cummin, I.A., The effect of "Estrumate" followed by progesterone coils on oestrus synchronization and conception of post-partum beef and dairy cows, 4 (1981) 117

Folman, Y., see Gur-Arie, E., 12 (1986) 85

Folman, Y., see Rosenberg, M., 24 (1991) 13

Fontaine, I., see Hochereau-De Reviers, M.-T., 23 (1990) 21

Fontijne, P., see Taverne, M.A.M., 17 (1988) 51

Foote, R.H., see Eger, S., 16 (1988) 215

Foote, R.H., see Chen, Y., 18 (1989) 35

Ford, J.J., see Allrich, R.D., 8 (1985) 281

Ford, J.J., see Wise, T., 24 (1991) 139

Ford, S.P., see Conley, A.J., 20 (1989) 221

Ford, S.P., see Conley, A.J., 24 (1991) 335

Forgerit, Y., see Signoret, J.P., 22 (1990) 221

Forgerit, Y., see Martinat-Botté, F., 22 (1990) 227

Forrest, D.W., see Williams, G.L., 18 (1989) 155

Forsling, M., see Ellendorff, F., 2 (1979) 323

Forsling, M.L., MacDonald, A.A. and Ellendorff, F., The neurohypophysial hormones, 2 (1979) 43

Forster, C.S., see Liggins, G.C., 2 (1979) 193

Foxcroft, G.R., see Lancaster, R.T., 8 (1985) 365

Foxcroft, G.R., see Lancaster, R.T., 11 (1986) 151

França, L.R., see Castro, A.C.S., 25 (1991) 83

Fránek, M., Hruška, K., Vaňková, S., Kaláb, P., Hruška, K., Jr. and Kubis, P., Sephadex column radioimmunoassay of metabolized oestrone for the monitoring of follicular function and early pregnancy detection in mares, 17 (1988) 281

Frank, G.R., Noble, R.C., Esch, M.W., Green, C. and Bahr, J.M., Direct estimation of estrone sulfate in serum and urine of pregnant swine as indicators of litter size at birth, 15 (1987) 121

Frankowski, R.F., see Kendall, J.Z., 16 (1988) 107

Fraser, A.F., see Shettigara, P.T., 4 (1981) 73

Fredriksson, G., see Kindahl, S., 7 (1984) 133

Fredriksson, G., Kindahl, H. and Edqvist, L.-E., 11-Ketotetranor PGF metabolites, a suitable indicator for measuring prostaglandin release during the normal oestrous cycle and early pregnancy in the goat, 7 (1984) 537

Fredriksson, G., Kindahl, H. and Edqvist, L.-E., Endotoxin-induced prostaglandin release and corpus luteum function in goats, 8 (1985) 109

Freymark, P.J., see Wells, P.L., 8 (1985) 315

Friend, D.W., Wolynetz, M.S. and Robertson, H.A., Effect of feeding frequency on age and weight of confined gilts at puberty, and some related breeding phenomena, 11 (1986) 69

Friesen, H.G., see Robertson, H.A., 3 (1980) 69

Frisch, J.E., Munro, R.K. and O'Neill, C.J., Some factors related to calf crops of Brahman, Brahman crossbred and Hereford × Shorthorn cows in a stressful tropical environment, 15 (1987) 1

Fry, R.C., Bindon, B.M., Piper, L.R. and Cahill, L.P., The ovulation rate after unilateral ovariectomy in the Booroola Merino ewe, 18 (1989) 149

Fujihara, N. and Koga, O., Prevention of the production of lipid peroxide in rooster spermatozoa, 7 (1984) 385

Fujihara, N., Nishiyama, H. and Koga, O., Characteristics of artificially ejaculated and ductus deferens semen in the guinea-fowl, 12 (1986) 69

Fukuda, Y., see Yamazaki, Y., 23 (1990) 253

Fukui, Y., see Ono, H., 5 (1982) 1

Fukui, Y., see Fukushima, M., 9 (1985) 323

Fukui, Y., Kobayashi, M., Tsubaki, M., Tetsuka, M., Shimoda, K. and Ono, H., Comparison of two ultrasonic methods for multiple pregnancy diagnosis in sheep and indicators of multiple pregnant ewes in the blood, 11 (1986) 25

Fukui, Y., Urakawa, M., Sasaki, C., Chikamatsu, N. and Ono, H., Development to the late morula or blastocyst stage following in vitro maturation and fertilization of bovine oocytes, 18 (1989) 139

Fukushima, M. and Fukui, Y., Effects of gonadotropins and steroids on the subsequent fertilizability of extrafollicular

bovine oocytes cultured in vitro, 9 (1985) 323

Fulka, J., see Liehman, P., 11 (1986) 181

Fulka, J., see Pavlok, A., 16 (1988) 207

Fulka, J., Jr., see Petr. J. Tománek, M., 24 (1991) 37

Fulkerson, W.J., see Sawyer, G.J., 3 (1980/1981) 259

Fulkerson, W.J., Reproduction in dairy cattle: effect of age, cow condition, production level, calving-to-first-service interval and the 'male', 7 (1984) 305

Fuquay, J.W., see Bennett, W.A., 19 (1989) 179

Fuquay, J.W., see Bennett, W.A., 25 (1991) 97

Furusawa, T., see Miyamoto, A., 20 (1989) 165

G

Gacitua, H., see Amir, D., 10 (1986) 75

Gacitua, H., see Amir, D., 10 (1986) 245

Galeati, G., see Tamanini, C., 11 (1986) 35

Galina, C.S., see Gross, T.S., 8 (1985) 193

Galina, C.S., see Jiménez, F., 9 (1985) 333

Galina, C.S., see Jiménez, F., 16 (1988) 199

Galina, C.S., see Hernandez, E., 25 (1991) 23

Gall, T.J., see Heimann, E.D., 7 (1984) 315

Galloway, D.B., see Hemsworth, P.H., 2 (1979) 387

Gangrade, B.K. and Dominic, C.J., Evaluation of the involvement of the vomeronasal organ in the pheromonal influences on the estrous cycle of the laboratory mouse, 8 (1985) 181

Gantner, H., see Choi, H.S., 15 (1987) 209

Garcia-Villar, R., Toutain, P.L. and Ruckebusch, Y., Differential responsiveness to oxytocin of the uterus and cervix in the ovariectomized ewe, 7 (1984) 421

García-Winder, M., see Coy, A., 24 (1991) 159

Garcia-Ximenez, F., Vicente, J.S. and Santacreu, M.A., Embryo transfer in lactating rabbit does by laparoscopy, 24 (1991) 343

Garcia-Ximenez, F., see Vicente, J.S., 24 (1991) 347

Gardiner, C.S., see Menino, A.R., Jr., 18 (1989) 125

Garner, D.L., see Amir, D., 6 (1983) 35

Garnier, D.H., see Bonneau, M., 15 (1987) 241

Garrett, J.E., see Geisert, R.D., 16 (1988) 11

Garrick, D.J., see Kirkwood, R.N., 9 (1985) 163

Garverick, A.H., see Moser, M.T., 18 (1989) 227

Gason, L.M., see Hamer, J.M., 9 (1985) 317

Gasse, H., see Hoedemaker, M., 13 (1987) 1

Gede, I Putu, Lubis, A. and Fletcher, I.C., Reproduction in swamp buffalo cows after oestrous synchronisation at two mating seasons and two levels of nutrition, 11 (1986) 99

Geisert, R.D., see Bazer, F.W., 7 (1984) 115

Geisert, R.D., Zavy, M.T., Biggers, B.G., Garrett, J.E. and Wettemann, R.P., Characterization of the uterine environment during early conceptus expansion in the bovine, 16 (1988) 11

George, J.M., The mating potential of Indonesian sheep, 4 (1981/1982) 251

Georgie, G.C., Mehta, S.N., Dixit, V.P., Sengupta, B.P. and Kanaujia, A.S., Peripheral plasma testosterone levels in two Indian breeds of goats and their reciprocal crosses, 9 (1985) 95

Geytenbeek, P.E., see Wright, P.J., 21 (1989) 237

Geytenbeek, P.E., see Wright, P.J., 23 (1990) 293

Gheddi, A.M., see Cristofori, F., 21 (1989) 73

Gherardi, S., see Knight, T.W., 13 (1987) 105

Ghoneim, I.M., see ElWishy, A.B., 11 (1986) 75

Gibb, M., see Macmillan, K.L., 8 (1985) 203

Gifford, D.R., D'Occhio, M.J., Sharpe, P.H., Weatherly, T., Pittar, R.Y. and Reeve, D.V., Return to cyclic ovarian activity following parturition in mature cows and first-calf beef heifers exposed to bulls, 19 (1989) 209

Giles, J.R., see Arkins, S., 16 (1988) 277

Gilmore, T.A., see Kennaway, D.J., 5 (1982/1983) 287

Giménez, T., see Bell, L.A., 22 (1990) 325

Giménez, T., see Claus, R., 23 (1990) 145

Giménez, T., see Dimmick, M.A., 24 (1991) 173

Ginther, O.J., see Wesson, J.A., 4 (1981) 165

Ginther, O.J., see Pierson, R.A., 14 (1987) 165

Ginther, O.J., see Pierson, R.A., 14 (1987) 177

Ginther, O.J., see Pierson, R.A., 14 (1987) 219

Ginther, O.J., see Pierson, R.A., 15 (1987) 53

Ginther, O.J., see Townson, D.H., 15 (1987) 131

Ginther, O.J., see Pierson, R.A., 16 (1988) 81

Ginther, O.J., see Bessent, C., 16 (1988) 159

Ginther, O.J., see Townson, D.H., 17 (1988) 155

Ginther, O.J., see Curran, S., 19 (1989) 217

Ginther, O.J., see Townson, D.H., 20 (1989) 131

Ginther, O.J., see Townson, D.H., 20 (1989) 143

Ginther, O.J., Kastelic, J.P. and Knopf, L., Composition and characteristics of follicular waves during the bovine estrous cycle, 20 (1989) 187

Ginther, O.J., see Townson, D.H., 21 (1989) 63

Ginther, O.J., see Bergfelt, D.R., 21 (1989) 261

Ginther, O.J., see Pierson, R.A., 22 (1990) 131

Ginther, O.J., see Kastelic, J.P., 23 (1990) 169

Ginther, O.J., see Adams, G.P., 24 (1991) 127

Ginther, O.J., see Bergfelt, D.R., 24 (1991) 193

Ginther, O.J., see Griffin, P.G., 25 (1991) 133

Gips, H., see Meinecke, B., 12 (1987) 255

Glazer, T., see Krzymowski, T., 4 (1981/1982) 199

Gledhill, B.L., see Amir, D., 6 (1983) 35

Gleeson, A.R., see Tyrrell, R.N., 3 (1980) 149

Glencross, R.G. and Pope, G.S., Concentrations of oestradiol-17β and progesterone in the plasma of dairy heifers before and after cloprostenol-induced and natural luteolysis and during early pregnancy, 4 (1981) 93

Glickman, J.A., see Challis, J.R.G., 2 (1979) 29

Glogowski, J. and Strzeżek, J., Molecular forms of alkaline phosphatase of ram seminal plasma—some properties and changes in pathological process of reproductive organs, 3 (1980/1981) 307

Glover, T.D., see Byers, S.W., 5 (1982/1983) 295

Glover, T.E. and Watson, P.F., The effects of egg yolk, the low density lipoprotein

fraction of egg yolk, and three monosaccharides on the survival of cat (*Felis catus*) spermatozoa stored at 5°C, 13 (1987) 229

Godfrey, B.M., see Stone, B.A., 11 (1986) 51

Godinho, H.P., see Cardoso, F.M., 5 (1982/1983) 231

Godinho, H.P., see Torres, C.N., 6 (1983) 135

Goff, A., see Kindahl, S., 7 (1984) 133

Goff, A.K., see Harvey, D., 7 (1984) 217

González-Menció, F., Manns, J. and Murphy, B.D., FSH and LH activity of PMSG from mares at different stages of gestation, 1 (1978) 137

Gonzalez, L.V., see Bennett, W.A., 19 (1989) 179

Gonzalez, L.V., see Bennett, W.A., 25 (1991) 97

Gonzalez, R., Orgeur, P., Poindron, P. and Signoret, J.P., Seasonal variation in LH and testosterone responses of rams following the introduction of oestrous ewes, 21 (1989) 249

Gooneratne, A.D., Hartmann, P.E. and Nottage, H.M., The initiation of lactation in sows and the mastitis–metritis–agalactia syndrome, 5 (1982) 135

Gootwine, E., Bor, A. and Braw-Tal, R., Plasma FSH levels and ovarian response to PMSG in ewe lambs of related genotypes that differ in their prolificacy, 19 (1989) 109

Gordon, I., see Boland, M.P., 1 (1978/1979) 275

Gordon, I., see Boland, M.P., 6 (1983) 119

Gordon, I., see Lancaster, R.T., 8 (1985) 365

Gordon, I., see Boland, M.P., 9 (1985) 241

Gordon, I., see Crosby, T.F., 24 (1991) 109

Gosalvez, L.F., see Diaz, P., 17 (1988) 251

Gosling, J.P., see Quirke, J.F., 13 (1987) 37

Grammer, J., see Wright, R.W., Jr., 5 (1982/1983) 207

Granström, E., see Zarco, L., 7 (1984) 245

Gray, S.J., see Pearce, D.T., 10 (1986) 117

Gray, S.J., see Pearce, D.T., 13 (1987) 81

Grazul, A., see Przała, J., 7 (1984) 351

Green, C., see Frank, G.R., 15 (1987) 121

Gregoraszczuk, E., Stoklosowa, S., Tarnawska, M. and Rzasa, J., The effect of oxytocin on steroid hormone secretion by isolated porcine follicular cells in tissue culture, 17 (1988) 141

Grieger, D.M., see Diekman, M.A., 16 (1988) 295

Grieger, D.M., Roberts, A.J. and Reeves, J.J., The association of the pre-ovulatory surge of LH and conception in beef cattle, 24 (1991) 205

Griffin, P.G. and Ginther, O.J., Dynamics of uterine diameter and endometrial morphology during the estrous cycle and early pregnancy in mares, 25 (1991) 133

Grobbelaar, J., Lishman, A.W., Botha, W.A., Els, D.L., Louw, B.P. and Van Niekerk, A., Attempts to improve the function of GnRH-induced corpora lutea in early post-partum ewes through oestradiol and/or PMSG priming or exogenous luteotrophin, 19 (1989) 245

Grommers, F.J., Elving, L. and Van Eldik, P., Parturition difficulties in sheep, 9 (1985) 365

Grooten, H.J.G., see Kemp, B., 17 (1988) 103

Grooten, H.J.G., see Kemp, B., 20 (1989) 245

Grooten, H.J.G., see Kemp, B., 22 (1990) 87

Gross, T.S see Putney, D.J., 20 (1989) 31

Gross, T.S., Williams, W.F., Galina, C.S., Manspeaker, J., Haaland, M.A. and Russek, E., Functional status of the peripartum bovine corpus luteum, 8 (1985) 193

Gross, T.S., see Williams, W.F., 11 (1986) 237

Gross, T.S., see Putney, D.J., 19 (1989) 37

Gross, T.S., see Larson, G.H., 25 (1991) 31

Grunert, E., see Hoedemaker, M., 13 (1987) 1

Grunert, E., see Boos, A., 15 (1987) 145

Grunert, K., see Hoedemaker, M., 13 (1987) 1

Guay, P., see Sirard, M.A., 12 (1986) 21

Guerin, Y., see Colas, G., 13 (1987) 255

Guilbault, L.A., see Fahmy, M.H., 19 (1989) 229

Guilbert-Blanchette, L., see Lambert, R.D., 3 (1980/1981) 335

Guise, M.B., see Anderson, G.W., 9 (1985) 11

Gunn, R.G., see Rhind, S.M., 8 (1985) 301

Gunn, R.G., see Rhind, S.M., 24 (1991) 119

Gupta, R.C., see Sharma, A.K., 3 (1980) 217

Gupta, R.S. and Srivastava, R.K., Lactic dehydrogenase activity in buffalo semen, 8 (1985) 143

Gur-Arie, E., Rosenberg, M., Hillel, J., Folman, Y. and Eyal, E., Repeatability of the plasma luteinizing-hormone response to two consecutive injections of gonadotropin-releasing hormone to prepubertal ewe-lambs reared in individual pens, 12 (1986) 85

Guraya, S.S., see Sidhu, K.S., 21 (1989) 191

Gustafsson, H., Larsson, K., Kindahl, H. and Madej, A., Sequential endocrine changes and behaviour during oestrus and metoestrus in repeat breeder and virgin heifers, 10 (1986) 261

Gustafsson, H., see Albihn, A., 21 (1989) 161

Gustafsson, H., see Albihn, A., 24 (1991) 25

Güven, B., see Özsar, S., 23 (1990) 319

Gwazdauskas, F.C., see Anderson, G.W., 9 (1985) 11

Gwazdauskas, F.C., see Anderson, G.W., 11 (1986) 161

Gwazdauskas, F.C., see Holt, L.C., 21 (1989) 11

Gyang, E.O., see Oyedipe, E.O., 20 (1989) 255

H

Haaland, M.A., see Gross, T.S., 8 (1985) 193

Hacker, R.R., see Narendran, R., 4 (1981/1982) 227

Hackett, A.J., see Robertson, H.A., 3 (1980) 69

Hackett, A.J. and Hidiroglou, M., Effects of PMSG on progesterone levels in ewes treated with fluorogestone acetate or prostaglandin $F_{2\alpha}$, 6 (1983/1984) 191

Hackett, A.J. and Lin, C.Y., Comparison of females treated with oestradiol or testosterone to detect oestrus in dairy cattle maintained indoors year-round, 9 (1985) 119

Hafi, C.B., see Wang, J.Y., 15 (1987) 139

Haibel, G.K., see Mosher, M.D., 23 (1990) 99

Hale, D.H., see Holness, D.H., 3 (1980) 181

Hale, D.H., McCabe, C.T. and Holness, D.H., A method to evaluate various parameters of progesterone production in beef cows, using the levels of progesterone in peripheral blood sampled on specific days of the oestrous cycle, 3 (1980/1981) 279

Hamad, M.H., see Tingari, M.D., 12 (1986) 213

Hamer, J.M., Taylor, T.B., Evans, M.J., Gason, L.M. and Irvine, C.H.G., Effect of administration of estradiol and progesterone, and bacterial contamination, on endometrial morphology of acyclic mares, 9 (1985) 317

Hamner, C.E., see Lambert, R.D., 1 (1978) 61

Hamra, A.H., Massri, Y.G., Marcek, J.M. and Wheaton, J.E., Plasma progesterone levels in ewes treated with progesterone-controlled internal drug-release dispensers, implants and sponges, 11 (1986) 187

Hamra, A.H., McNally, J.W., Marcek, J.M., Carlson, K.M. and Wheaton, J.E., Comparison of progesterone sponges, cronolone sponges and controlled internal drug release dispensers on fertility in anestrous ewes, 18 (1989) 219

Hannan, G.D., see Thwaites, C.J., 19 (1989) 29

Hanrahan, J.P., see Quirke, J.F., 13 (1987) 37

Hanrahan, J.P., see Jordan, B.T., 23 (1990) 41

Hanrahan, J.P., see Ronayne, E., 24 (1991) 283

Hansel, W., see Shemesh, M., 7 (1984) 177

Hansen, C., see Fiser, P.S., 24 (1991) 293

Hansen, P.J., Photoperiodic regulation of reproduction in mammals breeding during long days versus mammals breeding during short days, 9 (1985) 301

Haranath, G.B., see Rao, A.V.N., 12 (1986) 123

Haranath, G.B., see Ramana, G.V., 21 (1989) 87

Haraszti, J., Huszenicza, Gy., Molnár, L., Solti, L. and Csernus, V., Postpartal ovarian activity of healthy cows and those affected by subclinical metabolic disorders, 9 (1985) 125

Hard, D.L., see Benoit, A.M., 18 (1989) 61

Hare, L. and Bryant, M.J., Ovulation rate and embryo survival in young ewes mated either at puberty or at the second or third oestrus, 8 (1985) 41

Haresign, W., see McLeod, B.J., 7 (1984) 413

Haresign, W., see Pearce, D.T., 13 (1987) 81

Haresign, W., see McLeod, B.J., 14 (1987) 53

Haresign, W., see McLeod, B.J., 17 (1988) 33

Haresign, W., see Dodson, S.E., 21 (1989) 1

Haresign, W., see Khalid, M., 24 (1991) 271

Haresign, W., see Khalid, M., 25 (1991) 41

Harrison, L.P., see Reynolds, I.P., 4 (1981) 107

Hartmann, P.E., see Gooneratne, A.D., 5 (1982) 135

Harvey, D., Basu, S., Betteridge, K.J., Goff, A.K. and Kindahl, H., The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, II. Urinary levels of 11-ketotetranor PGF metabolites and plasma progesterone concentrations during the oestrous cycle and early pregnancy, 7 (1984) 217

Harwood, D.J., see Reynolds, I.P., 4 (1981) 107

Hasegawa, Y., see Miyamoto, A., 20 (1989) 165

Hasegawa, Y., see Mukai, S., 20 (1989) 287

Hashimoto, I., see Ishibashi, I., 22 (1990) 339

Hau, J., Poulsen, O.M., Brandt, A. and Alexandersen, S., Breeding season and pregnancy-associated increase in plasma levels of fibrin/fibrinogen in the mink, 16 (1988) 135

Hau, J., see Andersen, L.L.I., 23 (1990) 157

Haynes, N.B., see Boland, M.P., 9 (1985) 241

Hazeleger, W., see Soede, N.M., 23 (1990) 335

Heaney, D.P., see Shrestha, J.N.B., 14 (1987) 281

Heaney, D.P., see Shrestha, J.N.B., 23 (1990) 305

Heap, P.A., see Stone, B.A., 15 (1987) 217

Heimann, E.D., Smith, M.F., Morris, J.S., Gall, T.J., Elmore, R.G. and Morrow, R.E., Relationships among spermatozoal abnormalities and the selenium concentration of blood plasma, semen, and reproductive tissues in young bulls, 7 (1984) 315

Hein, W.R., Shelton, J.N., Simpson-Morgan, M.W., Seamark, R.F. and Morris, B., Flow and composition of ovarian lymph during pregnancy and luteolysis in the ewe, 21 (1989) 223

Heitzman, R.J., see Reynolds, I.P., 4 (1981) 107

Helmond, F.A., see Van der Meulen, J., 24 (1991) 305

Hemsworth, P.H. and Galloway, D.B., The effect of sexual stimulation on the sperm output of the domestic boar, 2 (1979) 387

Hemsworth, P.H., see Cronin, G.M., 5 (1982) 117

Hemsworth, P.H., see Cronin, G.M., 5 (1982/1983) 199

Hemsworth, P.H., see Barnett, J.L., 25 (1991) 265

Henderson, H.V., see Macmillan, K.L., 6 (1983/1984) 245

Henderson, K.A., see Spicer, L.J., 25 (1991) 57

Henderson, K.M., Ellen, R.L., Weaver, A., Ball, K. and McNatty, K.P., Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates on Romney ewes, 22 (1990) 121

Henniawati and Fletcher, I.C., Reproduction in Indonesian sheep and goats at two levels of nutrition, 12 (1986) 77

Hernandez, E., Galina, C.S., Orihuela, A. and Navarro-Fierro, R., Observations on feezing capability and seminal characteristics in four breeds of *Bos indicus* cattle, 25 (1991) 23

Hernandez-Perez, O., see Rosales, A.M., 23 (1990) 213

Herrmann, H., see Hunter, R.H.F., 1 (1978) 161

Herrmann, H.H., Schäfer, B. and Holtz, W., Collection of two-cell pig embryos and their culture in media containing different protein components, 4 (1981) 137

Herrmann, H.H. and Holtz, W., Culture of pig embryos collected in situ or after slaughter, 4 (1981) 143

Herrmann, H.H. and Holtz, W., Storage of pig embryos in the ligated rabbit oviduct and its effect on the viability after retransfer to synchronized gilts, 8 (1985) 159

Herz, Z., see Rosenberg, M., 24 (1991) 13

Hettle, J.A. and Kitts, W.D., Effects of phyto-estrogenic alfalfa consumption on plasma LH levels in cycling ewes, 6 (1983/1984) 233

Heuer, C., Tahir, M.N. and Amjad, H., Effect of season on fertility of frozen buffalo semen, 13 (1987) 15

Hewitt, D.S., see Peters, A.R., 6 (1983) 103

Heyman, Y., see Renard, J.-P., 2 (1979) 353

Heyman, Y., see Techakumphu, M., 12 (1987) 305

Hidaka, R., see Nakayama, H., 25 (1991) 73

Hidiroglou, M., see Hackett, A.J., 6 (1983/1984) 191

Hillard, M.A., see Al-Obaidi, S.A.R., 14 (1987) 39

Hillard, M.A., see Kind, K., 16 (1988) 27

Hillel, J., see Gur-Arie, E., 12 (1986) 85

Hinch, G.N., Kelly, R.W., Davis, G.H., Owens, J.L. and Crosbie, S.F., Factors affecting lamb birth weights from high fecundity Booroola ewes, 8 (1985) 53

Hinch, G.N., Davis, G.H., Crosbie, S.F., Kelly, R.W. and Trotter, R.W., Causes

of lamb mortality in two highly prolific Booroola crossbred flocks and a Romney flock, 12 (1986) 47

Hishinuma, M., see Abas Mazni, O., 22 (1990) 161

Hixon, J.E., see Hoffmann, B., 2 (1979) 253

Hoang-Vu, C., see Claus, R., 23 (1990) 145

Hochereau-De Reviers, M.-T., Copin, M., Seck, M., Monet-Kuntz, C., Cornu, C., Fontaine, I., Perreau, C., Elsen, J.-M. and Boomarov, Stimulation of testosterone production by PMSG injection in the ovine male: effect of breed and age and application to males carrying or not carrying the "F" Booroola gene, 23 (1990) 21

Hoedemaker, M., Gasse, H., Boos, A., Grunert, K., Maas, D.H.A. and Grunert, E., Superfusion of bovine luteal tissue slices: basic secretion, influence of LH on progesterone secretion and influence of superfusion on the preservation of the tissue, 13 (1987) 1

Hoffmann, B., see Wagner, W.C., 2 (1979) 179

Hoffmann, B., Wagner, W.C., Hixon, J.E. and Bahr, J., Observations concerning the functional status of the corpus luteum and the placenta around parturition in the cow, 2 (1979) 253

Hois, J., see Choi, H.S., 15 (1987) 209

Holland, E.J., Bindon, B.M., Piper, L.R., Thimonier, J., Cornish, K.A. and Radford, H.M., Endoscopy in cattle: techniques for ovarian examination by the paralumbar and mid-ventral routes, 4 (1981) 127

Holness, D.H. and Hale, D.H., The response of lactating Africander cows to treatment with a progesterone-releasing intravaginal device or injection of synthetic GnRH, 3 (1980) 181

Holness, D.H., see Hale, D.H., 3 (1980/1981) 279

Holness, D.H., Ovarian morphology, plasma progesterone concentrations and early embryo survival in the sow, 5 (1982) 127

Holness, D.H., see Wells, P.L., 8 (1985) 315

Holness, D.H., see Wells, P.L., 12 (1986) 1

Holt, L.C., Whittier, W.D., Gwazdauskas, F.C., Vinson, W.E. and Sponenberg, P.S., Involution, pathology and histology of the uterus in dairy cattle with retained placenta and uterine discharge following GnRH, 21 (1989) 11

Holtz, W., see Hunter, R.H.F., 1 (1978) 161

Holtz, W., see Herrmann, H.H., 4 (1981) 137

Holtz, W., see Herrmann, H.H., 4 (1981) 143

Holtz, W., Pregnancy detection in swine by pulse mode ultrasound, 4 (1981/1982) 219

Holtz, W., see Herrmann, H.H., 8 (1985) 159

Holtz, W., see Welp, C., 8 (1985) 171

Holtz, W., see Schlieper, B., 12 (1986) 109

Holtz, W., see Tuli, R.K., 25 (1991) 125

Homeida, A.M., see Cooke, R.G., 13 (1987) 191

Homeida, A.M., A gonadotrophin-like bioactivity of the serum of pregnant camel (*Camelus dromedarius*), 23 (1990) 327

Homeida, A.M., Taa, A.A.M., Khalil, M.R.G. and Hoppen, H.O., Secretion of LH and progesterone after intravenous administration of GnRH in the camel (*Camelus dromedarius*), 25 (1991) 67

Hopfer, E., see Strzeżek, J., 13 (1987) 117

Hopfer, E., see Strzeżek, J., 13 (1987) 133

Hoppe, R.W. and Bavister, B.D., Evaluation of the fluorescein diacetate (FDA) vital dye viability test with hamster and bovine embryos, 6 (1983/1984) 323

Hoppen, H.O., see Homeida, A.M., 25 (1991) 67

Horta, A.E.M., see Mascarenhas, R.D., 10 (1986) 251

Hoshino, K., see Mukai, S., 20 (1989) 287

Hoskinson, R.M., see Wright, P.J., 21 (1989) 237

Hosmon, B.D., see Arkins, S., 16 (1988) 277

Hosoi, Y., see Niwa, K., 6 (1983) 143

Houghton, J.A., see Bird, J.M., 21 (1989) 125

Houvenaghel, A., see De Saedeleer, V., 21 (1989) 283

Houvenaghel, A., see De Saedeleer, V., 21 (1989) 293

Howard, H.J., see Ziecik, A.J., 23 (1990) 123

Howe-Baughman, J., see Dukelow, W.R., 4 (1981) 55

Howles, C.M., see Boland, M.P., 9 (1985) 241

Hruška, K., see Fránek, M., 17 (1988) 281

Hruška, K., Jr., see Fránek, M., 17 (1988) 281

Huang, Y.D., Dobson, H. and Fitzpatrick, R.J., Plasma hormone response after acupuncture treatment of bovine subfertility, 11 (1986) 173

Hudson, N., see Kelly, R.W., 6 (1983/1984) 199

Huether, P., see Liptrap, R.M., 19 (1989) 131

Huff, B.G., see Esbenshade, K.L., 18 (1989) 51

Hughes, P.E., see Pearce, G.P., 16 (1988) 125

Hughes, P.E., see Paterson, A.M., 18 (1989) 293

Hughes, P.E., see Paterson, A.M., 21 (1989) 115

Humke, R., see McLeod, B.J., 17 (1988) 33

Humphrey, W.D., see Murphy, B.D., 3 (1980) 225

Humphrey, W.D., see Shettigara, P.T., 4 (1981) 73

Hunter, M.G., Mortimer, D. and Baker, T.G., Evaluation of porcine corpora lutea during organ culture: a histological, ultrastructural and hormonal assessment, 4 (1981) 29

Hunter, M.G. and Southee, J.A., Treatment with progesterone affects follicular steroidogenesis in anoestrous ewes, 14 (1987) 273

Hunter, M.G., see Khalid, M., 24 (1991) 271

Hunter, M.G., see Khalid, M., 25 (1991) 41

Hunter, R.H.F., Holtz, W. and Herrmann, H., Stabilizing rôle of epididymal plasma in relation to the capacitation time of boar spermatozoa, 1 (1978) 161

Hunter, R.H.F., Intraperitoneal insemination, sperm transport and capacitation in the pig, 1 (1978) 167

Hunter, R.H.F. and Wilmut, I., The rate of functional sperm transport into the oviducts of mated cows, 5 (1982/1983) 167

Huston, T.M., see Soliman, K.F.A., 1 (1978) 69

Huszenicza, Gy., see Haraszti, J., 9 (1985) 125

I

Ibe, S.N., see Bratte, L., 20 (1989) 179

Ibrahim, M.A.R., Rahman, H.A. and Kovács, A., Quality, freezability and fertility of the semen of pre-selected A.I. bulls carrying various chromosome aberrations, 6 (1983/1984) 167

Ichinari, Y., see Ashizawa, K., 10 (1986) 185

Igboeli, G., Nwakalor, L.N., Orji, B.I. and Onuora, G.I., Seasonal variation in the semen characteristics of Muturu (*Bos brachyceros*) bulls, 14 (1987) 31

Ige, K., see Agu, W.E., 11 (1986) 123

Illera, M.J., see Niemann, H., 5 (1982/1983) 311

Inaba, T., see Kawate, N., 23 (1990) 273

Inaba, T., see Kawate, N., 24 (1991) 185

Inskeep, E.K., see Ottobre, J.S., 7 (1984) 75

Inskeep, E.K., see Usmani, R.H., 8 (1985) 225

Inskeep, E.K., see Page, R.D., 14 (1987) 85

Inskeep, E.K., see Lopez Sebastian, A., 17 (1988) 185

Iritani, A., see Niwa, K., 6 (1983) 143

Irvine, C.H.G., see Hamer, J.M., 9 (1985) 317

Ishak, M.A., see Larson, L.L., 9 (1985) 31

Ishibashi, I., Hashimoto, I., Suzuki, S. and Kosaka, M., Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats, 22 (1990) 339

Ishibashi, I., see Yamazaki, Y., 23 (1990) 253

Ishii, S., see Miyamoto, A., 17 (1988) 177

Ishii, S., see Miyamoto, A., 20 (1989) 165

Ismail, M.N., see Möstl, E., 14 (1987) 245

Isomaa, V., see Vesanen, M., 17 (1988) 9

Ito, S., see Umezu, M., 15 (1987) 95

Ito, S., see Miyamoto, A., 17 (1988) 177

J

Jabbour, H.N. and Evans, G., Ovarian and endocrine responses of Merino ewes following treatment with PMSG and GnRH or PMSG antiserum, 24 (1991) 259

Jablonowska, Cz., see Ciereszko, A., 23 (1990) 237

Jackson, F.L., Orr, E.L., Morrill, A.S. and Wordinger, R.J., Uterine histamine content in mast-cell deficient (W/W^V) mice during experimentally induced deciduoma formation, 14 (1987) 75

Jackson, G.L., see Khalid, M., 25 (1991) 225

Jagannadha Rao, A., Rate of clearance of immunoreactive hCG from the serum of the pregnant bonnet monkey (*Macaca radiata*), 9 (1985) 173

Jagannadha Rao, A., see Balakrishnan, M., 11 (1986) 11

Jagannadha Rao, A. and Chakraborti, R., Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17β and progesterone during early pregnancy in the south Indian bonnet monkey (*Macaca radiata*), 22 (1990) 261

Jagger, J.P., Peters, A.R., McLeod, B.J. and Lamming, G.E., Pituitary and ovarian responses to prolonged administration of low doses of GnRH in prepubertal heifers, 18 (1989) 111

Jain, G.C. and Pandey, R.S., Influence of age, weaning, season and body weight on the levels of progesterone, oestradiol-17β and luteinizing hormone in growing buffalo heifers (*Bubalus bubalis*), 9 (1985) 213

Jain, H.C., see Dixit, V.P., 3 (1980) 83

Jaine, P.M., see Chapman, H.M., 1 (1978) 9

Jainudeen, M.R. and Brandenburg, A.C., Induction of parturition in crossbred sows with cloprostenol, an analogue of prostaglandin $F_{2\alpha}$, 3 (1980) 161

Jainudeen, M.R., Bongso, T.A. and Dass, S., Semen characteristics of the swamp buffalo (*Bubalus bubalis*), 4 (1981/1982) 213

Jainudeen, M.R., Bongso, T.A. and Tan, H.S., Post partum ovarian activity and uterine involution in the suckled swamp buffalo (*Bubalus bubalis*), 5 (1982/1983) 181

Jainudeen, M.R., see Sharifuddin, W., 6 (1983/1984) 185

Janmaat, J., see Kemp, B., 22 (1990) 87

Janowski, T., see Krzymowski, T., 4 (1981/1982) 199

Janowski, T., Zduńczyk, S., Raś, A. and Okrasa, S., Mammary secretion of oestrogens and prostaglandin $F_{2\alpha}$ in cows near parturition, 17 (1988) 297

Janson, L., see Stålhammar, E.-M., 19 (1989) 1

Janson, P.O., see Armstrong, D.T., 5 (1982) 15

Jaroszewski, J., see Kotwica, J., 25 (1991) 1

Jayatilaka, K.N., see Rajamahendran, R., 3 (1980) 107

Jégo, Y., see Mahieu, M., 19 (1989) 235

Jenkins, N., see Ellison, J.D., 20 (1989) 1

Jenkins, N., see Pope, G.S., 22 (1990) 9

Jenskins, N. and Ellison, J.D., Regulation of transferrin secretion in Sertoli cells of the calf testis, 20 (1989) 11

Jezierski, J., see Tischner, M., 12 (1986) 233

Jílek, F., see Dostál, J., 1 (1978/1979) 265

Jílek, F., see Petr. J. Tománek, M., 24 (1991) 37

Jiménez, F., Galina, C.S., Duchateau, A. and Navarro-Fierro, R., Levels of LH, progesterone and estradiol-17β during natural and $PGF_{2\alpha}$-induced estrus in Indobrazil and Brown Swiss cows in the tropics, 16 (1988) 199

Jiménez, F., Galina, C.S., Ramirez, B. and Navarro-Fierro, R., Comparative study of the concentrations of peripheral progesterone before and after $PGF_{2\alpha}$ injection between *Bos taurus* (Brown Swiss) and *Bos indicus* (Indobrazil) in the tropics, 9 (1985) 333

John, T.L., see Menino, A.R., Jr., 18 (1989) 125

Johns, M.A., see Croker, K.P., 25 (1991) 199

Johnson, D.W., see Stone, B.A., 11 (1986) 273

Johnson, T.J., see Croker, K.P., 13 (1987) 45

Johnstone, I.P., Bancroft, B.J. and McFarlane, J.R., Testosterone and androstenedione profiles in the blood of domestic tom-cats, 7 (1984) 363

Johnstone, P.D., see Davis, G.H., 9 (1985) 145

Johnstone, P.D., see Montgomery, G.W., 17 (1988) 197

Johnstone, P.D., see Fisher, M.W., 23 (1990) 49

Jones, P.S., see Watson, P.F., 24 (1991) 93

Joo, H.S., see Fayemi, O.E., 23 (1990) 245

Joosten, I., Van Eldik, P., Elving, L. and Van der Mey, G.J.W., Factors related to the etiology of retained placenta in dairy cattle, 14 (1987) 251

Joosten, I., Van Eldik, P., Elving, L. and Van der Mey, G.J.W., Factors affecting occurrence of retained placenta in cattle. Effect of sire on incidence, 25 (1991) 11

Jopson, N.B., Fisher, M.W. and Suttie, J.M., Plasma progesterone concentrations in cycling and in ovariectomised red deer hinds: the effect of progesterone supplementation and adrenal stimulation, 23 (1990) 61

Jordan, B., see Ronayne, E., 18 (1989) 13

Jordan, B.T., Hanrahan, J.P. and Roche, J.F., The effect of melatonin implantation in the middle of the breeding season on the subsequent reproductive activity of Scottish Blackface ewes, 23 (1990) 41

Juang, H.H., Musah, A.I., Schwabe, C. and Anderson, L.L., Effect of relaxin and antirelaxin serum on porcine sperm motility, 20 (1989) 21

Juang, H.H., Musah, A.I., Schwabe, C. and Anderson, L.L., Immunoactive relaxin in boar seminal plasma and its correlation with sperm motility, 22 (1990) 47

Juang, H.H., Musah, A.I. and Anderson, L.L., Ethylenediaminetetraacetic acid (EDTA) and caffeine are antagonistic

to antirelaxin serum inhibition of porcine sperm motility, 22 (1990) 253

K

Kadry, A.E.H. and Afifi, E.A., Effect of the buck on number of services per conception, service period and litter size at birth in Bauscat rabbits, 5 (1982/1983) 219

Kadry, A.E.H., see Afifi, E.A., 7 (1984) 547

Kaim, M., see Rosenberg, M., 24 (1991) 13

Kaláb, P., see Fránek, M., 17 (1988) 281

Kalay, D., see Amir, D., 5 (1982) 93

Kalkandelen, G., see Özsar, S., 23 (1990) 319

Kalra, D.B., see Mathur, A.K., 19 (1989) 293

Kam, M., see Elias, E., 25 (1991) 173

Kamiński, T., see Stefańczyk-Krzymowska, S., 23 (1990) 223

Kamiya, S. and Daigo, M., Prepartum and postpartum glycogen accumulation in bovine uterine arteries, 16 (1988) 191

Kanagawa, H., see Abas Mazni, O., 22 (1990) 161

Kanai, Y. and Shimizu, H., Changes in plasma concentrations of luteinizing hormone, progesterone and oestradiol-17β during the periovulatory period in cyclic swamp buffaloes (*Bubalus bubalis*), 11 (1986) 17

Kanaujia, A.S., see Georgie, G.C., 9 (1985) 95

Kanchev, L., see Stankov, B., 7 (1984) 521

Kanchev, L.N., Marinova, Ch.P. and Stankov, B.M., Bovine salivary progesterone: application to the assessment of ovarian function and early pregnancy diagnosis, 17 (1988) 1

Karalus, U., Downey, B.R. and Ainsworth, L., Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG, 22 (1990) 235

Karlbom, I., Einarsson, S. and Edqvist, L.-E., Attainment of puberty in female pigs: clinical appearance and patterns of progesterone, oestradiol-17β and LH, 4 (1981/1982) 301

Karlbom, I., Attainment of puberty in female pigs: influence of boar stimulation, 4 (1981/1982) 313

Karunaratne, A.M., see Perera, B.M.A.O., 14 (1987) 115

Kastelic, J.P., see Curran, S., 19 (1989) 217

Kastelic, J.P., see Ginther, O.J., 20 (1989) 187

Kastelic, J.P., Knopf, L. and Ginther, O.J., Effect of day of prostaglandin $F_{2\alpha}$ treatment on selection and development of the ovulatory follicle in heifers, 23 (1990) 169

Kastelic, J.P., see Bergfelt, D.R., 24 (1991) 193

Kątska, C.L., see Smorąg, Z., 4 (1981) 65

Kątska, L. and Smorąg, Z., Number and quality of oocytes in relation to age of cattle, 7 (1984) 451

Kątska, L., Comparison of two methods for recovery of ovarian oocytes from slaughter cattle, 7 (1984) 461

Kątska, L. and Smorąg, Z., The influence of culture temperature on in vitro maturation of bovine oocytes, 9 (1985) 205

Kątska, L., see Morstin, J., 12 (1986) 13

Kauffold, P., see Pavlok, A., 16 (1988) 207

Kaur, H. and Arora, S.P., Annual pattern of plasma progesterone in normal cycling buffaloes (*Bubalus bubalis*) fed two levels of nutrition, 7 (1984) 323

Kawata, K., see Nakao, T., 7 (1984) 489

Kawate, N., Inaba, T. and Mori, J., A quantitative comparison in the bovine of steroids and gonadotropin receptors

in normally developing follicles and in follicular and luteinized cysts, 23 (1990) 273

Kawate, N., Inaba, T. and Mori, J., Gonadotropin-releasing hormone receptors in anterior pituitaries of cattle during the estrous cycle, 24 (1991) 185

Kay, R.N.B., see Simpson, A.M., 6 (1983/1984) 291

Kay, R.N.B., see Suttie, J.M., 8 (1985) 247

Keefer, C.L., see Schellander, K., 18 (1989) 95

Keisler, D.H., see Page, R.D., 14 (1987) 85

Kelleher, D., see Boland, M.P., 1 (1978/1979) 275

Kelleher, D.L., see Boland, M.P., 9 (1985) 241

Kelly, R.W., see Smith, J.F., 3 (1980) 137

Kelly, R.W., Owens, J.L., Crosbie, S.F., McNatty, K.P. and Hudson, N., Influence of Booroola Merino genotype on the responsiveness of ewes to pregnant mares serum gonadotrophin, luteal tissue weights and peripheral progesterone concentrations, 6 (1983/1984) 199

Kelly, R.W., see Montgomery, G.W., 6 (1983/1984) 209

Kelly, R.W., see Hinch, G.N., 8 (1985) 53

Kelly, R.W., see Hinch, G.N., 12 (1986) 47

Kelly, R.W., see Parkinson, T.J., 24 (1991) 217

Kemp, B., Grooten, H.J.G., Den Hartog, L.A., Luiting, P. and Verstegen, M.W.A., The effect of a high protein intake on sperm production in boars at two semen collection frequencies, 17 (1988) 103

Kemp, B. and Den Hartog, L.A., The influence of energy and protein intake on the reproductive performance of the breeding boar: a review, 20 (1989) 103

Kemp, B., Den Hartog, L.A. and Grooten, H.J.G., The effect of feeding level on semen quantity and quality of breeding boars, 20 (1989) 245

Kemp, B., Vervoort, F.P., Bikker, P., Janmaat, J., Verstegen, M.W.A. and Grooten, H.J.G., Semen collection frequency and the energy metabolism of A.I. boars, 22 (1990) 87

Kendall, J.Z., see Randall, G.C.B., 11 (1986) 283

Kendall, J.Z., Dziuk, P.J., Nelson, D.R., Sherwood, O.D., Thurmon, J.C. and Frankowski, R.F., The effect of fetal hypophysectomy and fetal death in gilts with small litters on concentrations of relaxin, progesterone and estradiol-17β, 16 (1988) 107

Kendall, J.Z., see Randall, G.C.B., 23 (1990) 109

Kennaway, D.J., Dunstan, E.A., Gilmore, T.A. and Seamark, R.F., Effects of shortened daylength and melatonin treatment on plasma prolactin and melatonin levels in pinealectomised and sham-operated ewes, 5 (1982/1983) 287

Kennelly, J.J., see Rajamahendran, R., 24 (1991) 211

Keogh, E.J., see Cameron, A.W.N., 12 (1986) 189

Keogh, E.J., see Cameron, A.W.N., 13 (1987) 91

Kesava Reddy, K., see Ramana, G.V., 21 (1989) 87

Kesler, D.J., see Wiseman, B.S., 5 (1982/1983) 157

Kesler, D.J., see Vincent, D.L., 6 (1983/1984) 267

Kesler, D.J., see Christensen, D.A., 7 (1984) 531

Ketema, H., see Mukasa-Mugerwa, E., 24 (1991) 73

Khalid, M., Haresign, W. and Hunter, M.G., Regulation of pituitary GnRH receptors by continuous infusion of GnRH in the

seasonally anoestrous ewe: evidence of ovarian involvement, 24 (1991) 271

Khalid, M., Haresign, W. and Hunter, M.G., Pituitary GnRH receptor dynamics during continuous infusion of a low dose of GnRH in seasonally anoestrous ewes, 25 (1991) 41

Khalid, M. and Jackson, G.L., Exposure of ewes to long-day photoperiods before the winter solstice can disrupt refractoriness to short days, 25 (1991) 225

Khalil, M.R.G., see Homeida, A.M., 25 (1991) 67

Khan, B.B., see Ahmad, N., 3 (1980/1981) 301

Khokhar, B.S., Singh, M. and Chaudhary, K.C., Transaminases in cattle and buffalo (*Bubalus bubalis*) semen in relation to fertility and seminal characteristics during moderate and colder seasons, 13 (1097) 177

Khurshid, S., see Ahmad, N., 19 (1989) 161

Kiesenhofer, E., see Choi, H.S., 15 (1987) 209

Killian, D.B., see Wagner, W.C., 2 (1979) 179

Kind, K., Bindon, B.M., Hillard, M.A. and O'Shea, T., Plasma follicle stimulating hormone, ovulation rate and fertility in Merino ewes treated with bovine follicular fluid, 16 (1988) 27

Kindahl, H., see Lindell, J.-O., 3 (1980/1981) 289

Kindahl, H., see Harvey, D., 7 (1984) 217

Kindahl, H., see Zarco, L., 7 (1984) 245

Kindahl, H., see Fredriksson, G., 7 (1984) 537

Kindahl, H., see Fredriksson, G., 8 (1985) 109

Kindahl, H., see Cort, N., 10 (1986) 147

Kindahl, H., see Gustafsson, H., 10 (1986) 261

Kindahl, H., see Rojanasthien, S., 17 (1988) 123

Kindahl, S., Basu, S., Fredriksson, G., Goff, A., Kunavongkrit, A. and Edqvist, L.-E., Levels of prostaglandin $F_{2\alpha}$ metabolites in blood and urine during early pregnancy, 7 (1984) 133

Kinder, J.E., see D'Occhio, M.J., 16 (1988) 249

King, G.J. and Macleod, G.K., Reproductive function in beef cows calving in the spring or fall, 6 (1983/1984) 255

King, G.J. and Atkinson, B.A., The bovine intercaruncular placentra throughout gestation, 12 (1987) 241

King, G.J. and Wathes, D.C., Relaxin, progesterone and estrogen profiles in sow plasma during natural and induced parturitions, 20 (1989) 213

King, G.J., see Ryan, P.L., 23 (1990) 75

King, R.H., Williams, I.H. and Barker, I., Induction of oestrus in anoestrous, first litter sows with pregnant mares' serum gonadotrophin, 5 (1982) 41

King, R.H. and Martin, G.B., Relationship between protein intake during lactation, LH levels and oestrous activity in first-litter sows, 19 (1989) 283

Kinser, A.R., see Vincent, D.L., 6 (1983/1984) 267

Kiracofe, G.H., see Bolt, D.J., 23 (1990) 263

Kirkwood, R.N., Moller, K., Smith, W.C., Lapwood, K.R. and Garrick, D.J., The influence of allyl trenbolone (Regumate) on the timing, duration and endocrinology of parturition in sows, 9 (1985) 163

Kitterman, J.A., see Liggins, G.C., 2 (1979) 193

Kitts, W.D., see Newsome, F.E., 3 (1980) 233

Kitts, W.D., see Hettle, J.A., 6 (1983/1984) 233

Klindt, J., see Wise, T., 24 (1991) 139

Knickerbocker, J.J., see Thatcher, W.W., 7 (1984) 149

Knickerbocker, J.J., see Wolfenson, D., 14 (1987) 103

Knight, T.W., see Oldham, C.M., 1 (1978/1979) 283

Knight, T.W. and Lynch, P.R., Source of ram pheromones that stimulate ovulation in the ewe, 3 (1980) 133

Knight, T.W., Tervit, H.R. and Lynch, P.R., Effects of boar pheromones, ram's wool and presence of bucks on ovarian activity in anovular ewes early in the breeding season, 6 (1983) 129

Knight, T.W., Gherardi, S. and Lindsay, D.R., Effects of sexual stimulation on testicular size in the ram, 13 (1987) 105

Knopf, L., see Ginther, O.J., 20 (1989) 187

Knopf, L., see Kastelic, J.P., 23 (1990) 169

Kobayashi, M., see Fukui, Y., 11 (1986) 25

Koch, E., Niemann, H. and Ellendorff, F., Rosette inhibition titres in pig sera before and after recovery of ova and following the transfer of embryos, 11 (1986) 195

Koga, O., see Fujihara, N., 7 (1984) 385

Koga, O., see Fujihara, N., 12 (1986) 69

Kokolis, N., see Smokovitis, A., 16 (1988) 285

Koops, W., see Van de Wiel, D.F.M., 10 (1986) 201

Kosaka, M., see Ishibashi, I., 22 (1990) 339

Kosiniak, K. and Bittmar, A., Biochemical components of stallion seminal plasma before and after the breeding season, 4 (1981) 39

Kosiniak, K., see Zgórniak-Nowosielska, I., 7 (1984) 343

Kotwica, G., see Dusza, L., 17 (1988) 115

Kotwica, G., see Ciereszko, R., 21 (1989) 53

Kotwica, G., Dusza, L., Ciereszko, R., Okrasa, S. and Schams, D., Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows, 22 (1990) 109

Kotwica, G., see Kotwica, J., 25 (1991) 1

Kotwica, J., see Krzymowski, T., 4 (1981/1982) 199

Kotwica, J., Krzymowski, T., Stefańczyk, S., Koziorowski, M., Czarnocki, J. and Ruszczyk, T., A new route of prostaglandin F-2α transfer from the uterus into the ovary in swine, 5 (1982/1983) 303

Kotwica, J., see Krzymowski, T., 13 (1987) 199

Kotwica, J., see Stefańczyk-Krzymowska, S., 23 (1990) 223

Kotwica, J., Skarżyński, D., Jaroszewski, J. and Kotwica, G., Effect of $PGF_{2\alpha}$ analogue on ovarian oxytocin and progesterone release in heifers: catecholamines are not involved in this process, 25 (1991) 1

Kotwicka, J., see Krzymowski, T., 11 (1986) 259

Kovács, A., see Ibrahim, M.A.R., 6 (1983/1984) 167

Koziorowski, M., see Krzymowski, T., 5 (1982) 25

Koziorowski, M., see Kotwica, J., 5 (1982/1983) 303

Koziorowski, M., see Krzymowski, T., 11 (1986) 259

Koziorowski, M., see Krzymowski, T., 13 (1987) 199

Kruip, Th.A.M., see Bevers, M.M., 4 (1981) 155

Kruip, Th.A.M., see Bevers, M.M., 17 (1988) 21

Krzymowski, T., Stefańczyk, S., Kotwica, J., Czarnocki, J., Glazer, T., Janowski, T. and Chmiel, J., ^{3}H-Oestradiol-17β counter current transfer from the ovarian vein into the ovarian artery in cows, 4 (1981/1982) 199

Krzymowski, T., Stefańczyk, S., Koziorowski, M., Czarnocki, J., Ruszczyk, T and Nowicka, R., Role of the mesosalpinx and oviduct vasculature in the counter-current transfer of steroid hormones into the ovary, 5 (1982) 25

Krzymowski, T., see Kotwica, J., 5 (1982/1983) 303

Krzymowski, T., Czarnocki, J., Koziorowski, M., Kotwicka, J. and Stefańczyk-Krzymowska, S., Counter current transfer of ^{3}H-$PGF_{2\alpha}$ in the mesometrium: a possible mechanism for prevention of luteal regression, 11 (1986) 259

Krzymowski, T., Kotwica, J., Stefańczyk-Krzymowska, S., Czarnocki, J. and Koziorowski, M., Prostaglandin $F_{2\alpha}$ back transfer from the mesometrium vasculature into the uterus of the gilt during early pregnancy and estrogen-induced pseudopregnancy, 13 (1987) 199

Krzymowski, T., see Stefańczyk-Krzymowska, S., 23 (1990) 223

Krzywiński, A., see Strzeżek, J., 9 (1985) 195

Kubis, P., see Fránek, M., 17 (1988) 281

Kula, E., see Madej, A., 3 (1980) 17

Kula, E., see Stupnicki, R., 3 (1980) 113

Kumar, V., see Tewary, P.D., 4 (1981/1982) 245

Kumar, V., see Tewary, P.D., 5 (1982) 65

Kumar, V. and Tewary, P.D., Circadian function in the photoperiodic induction of testicular growth in the common Indian rosefinch, *Carpodacus erythrinus*, 5 (1982/1983) 223

Kumar, V., Tewary, P.D. and Dixit, A.S., Participation of the circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 9 (1985) 375

Kumi-Diaka, J., see Ogwu, D., 12 (1986) 179

Kumi-Diaka, J., see Rekwot, P.I., 16 (1988) 1

Kumi-Diaka, J., see Sekoni, V.O., 17 (1988) 61

Kumi-Diaka, J., see Sekoni, V.O., 24 (1991) 249

Kunavongkrit, A., Einarsson, S. and Settergren, I., Follicular development in primiparous lactating sows, 5 (1982) 47

Kunavongkrit, A., see Kindahl, S., 7 (1984) 133

Kuruwita, V.Y., see Perera, B.M.A.O., 14 (1987) 115

Kuzan, F., see Wright, R.W., Jr., 5 (1982/1983) 207

Kuzan, F.B. and Wright, R.W., Jr., Blastocyst expansion, hatching, and attachment of porcine embryos cocultured with bovine fibroblasts in vitro, 5 (1982) 57

Kvapilík, J., see Zaoral, J., 4 (1981/1982) 181

Kysilka, Č., see Matoušek, J., 3 (1980) 195

Kysilka, Č., see Matoušek, J., 7 (1984) 433

L

Labrie, F., see Ainsworth, L., 5 (1982/1983) 281

Lachance, R., see Ainsworth, L., 5 (1982/1983) 281

Lahlou-Kassi, A., see Dewulf, M., 10 (1986) 99

Lake, P.E., see Ravie, O., 9 (1985) 189

Lake, P.E., Ravie, O. and Waddington, D., Some effects of the composition of inseminated semen and the site of its deposition on fertility in *Gallus domesticus*, 9 (1985) 273

Lamberson, W.R., Blair, R.M. and Long, C.R., Effects of unilateral ovariectomy on reproductive traits of mice, 20 (1989) 49

Lambert, R.D., Blanchette, L.G. and Tourigny, M., The relationship between sperm concentration and fertilization in vitro of rabbit ova, 1 (1978) 43

Lambert, R.D. and Hamner, C.E., RNA and protein synthesis in preimplantation rabbit embryos, 1 (1978) 61

Lambert, R.D., Guilbert-Blanchette, L., Rioux, J.E. and Ferland, L., Toxicity of uterine fluids to rabbit embryos at the stage of eight cells or fewer, 3 (1980/1981) 335

Lambert, R.D., see Sirard, M.A., 9 (1985) 25

Lambert, R.D., see Sirard, M.A., 12 (1986) 21

Lamming, G.E., see Peters, A.R., 6 (1983) 103

Lamming, G.E., see Peters, A.R., 10 (1986) 91

Lamming, G.E., see McLeod, B.J., 17 (1988) 33

Lamming, G.E., see Jagger, J.P., 18 (1989) 111

Lamming, G.E., see Dodson, S.E., 21 (1989) 1

Lamming, G.E., see Dodson, S.E., 22 (1990) 271

Lamming, G.E., see McLeod, B.J., 24 (1991) 1

Lamming, G.E., see Parkinson, T.J., 24 (1991) 217

Lancaster, R.T., Foxcroft, G.R., Boland, M.P., Edwards, S. and Gordon, I., Fertility of sows injected with exogenous oestradiol and/or gonadotrophins to control post-weaning oestrus, 8 (1985) 365

Lancaster, R.T., Foxcroft, G.R., Lightfoot, A.L., Wood, E.N. and Saunders, R.W., Oestrus synchronization and fixed-time artificial insemination in the weaned sow, 11 (1986) 151

Land, R.B., Genetic improvement of mammalian fertility: a review of opportunities, 1 (1978) 109

Langford, G.A., Shrestha, J.N.B. and Marcus, G.J., Repeatability of scrotal size and semen quality measurements in rams in a short-day light regime, 19 (1989) 19

Langford, G.A. and Shrestha, J.N.B., Seminal vesicle activity during cyclic or stabilized testicular activity in rams, 24 (1991) 85

Langlais, J., Voglmayr, J.K., Plante, L., Bleau, G. and Roberts, K.D., Sterol sulfatase activity in the reproductive tract of the ewe, 14 (1987) 129

Lapwood, K.R., see Barrell, G.K., 1 (1978/1979) 213

Lapwood, K.R., see Barrell, G.K., 1 (1978/1979) 229

Lapwood, K.R., see Kirkwood, R.N., 9 (1985) 163

Laque, P.C., see Rajamahendran, R., 3 (1980/1981) 271

Larson, G.H., Williams, W.F., Gross, T.S., Russek-Cohen, E. and Manspeaker, J.E., Systemic 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ (PGFM) response to exogenous estradiol by luteal heifers on Days 14 and 19 of the estrous cycle and on Day 19 of pregnancy, 25 (1991) 31

Larson, L.L., Ishak, M.A., Owen, F.G., Erickson, E.D. and Lowry, S.R., Relationship of physiological factors to placental retention in dairy cattle, 9 (1985) 31

Larson, L.L., see Wang, J.Y., 15 (1987) 139

Larsson, B., Transuterine transport of spermatozoa after artificial insemination in heifers, 12 (1986) 115

Larsson, K., see Gustafsson, H., 10 (1986) 261

Larsson, K., see Albihn, A., 21 (1989) 161

Laskowska-Klita, T. and Szymańska, E., Lipid peroxidation in testis and epididymis of the bull, 20 (1989) 83

Laskowska, T., see Sławeta, R., 13 (1987) 249

Laskowska, T., see Sławeta, R., 17 (1988) 303

Laurinčík, J., Pivko, J., Pícha, J. and Píchová, D., Effect of LH-RH on meiotic maturation of preovulatory oocytes in superovulated heifers, 25 (1991) 189

Lauwers, H., see Vandeplassche, M., 10 (1986) 163

Lavi, S., see Shemesh, M., 7 (1984) 177

Lawson, R.A.S., see Cerini, J.C., 2 (1979) 363

Le Van Ty, Chupin, D. and Driancourt, M.A., Ovarian follicular populations in buffaloes and cows, 19 (1989) 171

Lehrer, A.R., see Fischel, R.E., 1 (1978) 155

Lehrer, A.R., Schindler, H., Brown, M.B. and Fischler, H., The effect of mating, artificial insemination, and fright on uterine motility of the oestrous ewe, 1 (1978/1979) 297

Lehrer, A.R., see Amir, D., 10 (1986) 75

Lehrer, A.R., see Lewis, G.S., 18 (1989) 183

Lehrer, A.R., see Ezov, N., 22 (1990) 281

Lehrer, A.R., see Schindler, D., 23 (1990) 283

Lescoat, D. and Chambon, Y., Reduction of anionic sites on the rabbit uterine surface during the preimplantation period, 7 (1984) 555

Leslie, I.D., see Rhind, S.M., 8 (1985) 301

Leslie, K.E., see Bosu, W.T.K., 7 (1984) 497

Levasseur, M.-C., The involvement of estradiol at the time of implantation in placental mammals, 7 (1984) 467

Levasseur, M.C., see Schirar, A., 19 (1989) 79

Levasseur, M.C., see Schirar, A., 19 (1989) 91

Levine, R.D., Robertson, H.A. and Marcus, G.J., Failings of the rosette-inhibition test for early pregnancy factor, 9 (1985) 45

Levy, F., see Chemineau, P., 10 (1986) 125

Lewis, G.S., see Usmani, R.H., 14 (1987) 195

Lewis, G.S., Aizinbud, E. and Lehrer, A.R., Changes in electrical resistance of vulvar tissue in Holstein cows during ovarian cycles and after treatment with prostaglandin $F_{2\alpha}$, 18 (1989) 183

Lewis, G.S., see Ezov, N., 22 (1990) 281

Lewis, G.S., see Schindler, D., 23 (1990) 283

Liehman, P. and Fulka, J., Pregnancy rate after synchronous and asynchronous transfer of frozen-thawed bovine embryos, 11 (1986) 181

Liggins, G.C., Kitterman, J.A. and Forster, C.S., Fetal maturation related to parturition, 2 (1979) 193

Lightfoot, A.L., see Lancaster, R.T., 11 (1986) 151

Lin, C.Y., see Hackett, A.J., 9 (1985) 119

Linares, T., Embryonic development in repeat breeder and virgin heifers seven days after insemination, 4 (1981/1982) 189

Lincoln, D.W. and Porter, D.G., Photoperiodic dissection of endocrine events at parturition, 2 (1979) 97

Lindell, J.-O., Kindahl, H. and Edqvist, L.-E., Prostaglandin induced early abortions in the bovine. Clinical outcome and endogenous release of prostaglandin $F_{2\alpha}$ and progesterone, 3 (1980/1981) 289

Lindsay, D., see Aboul-Ela, M.B., 5 (1982/1983) 323

Lindsay, D.R., see Oldham, C.M., 3 (1980) 119

Lindsay, D.R., see Martin, G.B., 3 (1980) 125

Lindsay, D.R., see Cameron, A.W.N., 12 (1986) 189

Lindsay, D.R., see Martin, G.B., 12 (1987) 267

Lindsay, D.R., see Cameron, A.W.N., 13 (1987) 91

Lindsay, D.R., see Knight, T.W., 13 (1987) 105

Liptrap, R.M., see Martin, K.A., 4 (1981/1982) 321

Liptrap, R.M., see Bosu, W.T.K., 7 (1984) 497

Liptrap, R.M., Cummings, E. and Huether, P., Effect of mid-luteal glucocorticoid injection with pulsatile administration of gonadotrophin releasing hormone on follicular growth and ovulation in the sow, 19 (1989) 131

Liptrap, R.M., see Domínguez, M.M., 22 (1990) 181

Liptrap, R.M., see Stubbings, R.B., 23 (1990) 181

Lishman, A.W., see Wells, P.L., 8 (1985) 315

Lishman, A.W., see Wells, P.L., 12 (1986) 1

Lishman, A.W., see Grobbelaar, J., 19 (1989) 245

Lloyd, B., see Stone, B.A., 11 (1986) 51

Logue, D.N., Berry, J.E. and Bruere, A.N., In vitro culture and karyotyping of oocytes from 4 to 6 week old lambs, 1 (1978) 25

Long, C.R., see Lamberson, W.R., 20 (1989) 49

Lopez Sebastian, A. and Inskeep, E.K., Effects of progesterone pretreatment and duration of ram exposure on synchronization of estrus, conception and pregnancy by prostaglandin during seasonal anestrus, 17 (1988) 185

Louda, F., see Matoušek, J., 18 (1989) 161

Louw, B.P., see Grobbelaar, J., 19 (1989) 245

Lowry, S.R., see Larson, L.L., 9 (1985) 31

Lubis, A., see Gede, I Putu, 11 (1986) 99

Lubis, A. and Fletcher, I.C., Post-partum reproduction in swamp buffalo cows at two feeding levels, 13 (1987) 183

Luiting, P., see Kemp, B., 17 (1988) 103

Lukola, A., see Sundqvist, C., 11 (1986) 295

Lukola, A., see Bertoft, E., 12 (1987) 291

Lundeheim, N., see Andersson, A.-M., 6 (1983/1984) 301

Lundeheim, N., see Rojanasthien, S., 13 (1987) 299

Lundeheim, N., see Rojanasthien, S., 17 (1988) 123

Lundström, K., Abeygunawardena, H., de Silva, L.N.A. and Perera, B.M.A.O., Environmental influence on calving interval and estimates of its repeatability in the Murrah buffalo in Sri Lanka, 5 (1982) 99

Lynch, P.R., see Knight, T.W., 3 (1980) 133

Lynch, P.R., see Knight, T.W., 6 (1983) 129

M

Maas, D.H.A., see Hoedemaker, M., 13 (1987) 1

Maatman, T.J., see Dukelow, W.R., 1 (1978) 75

Macar, C., see Signoret, J.P., 22 (1990) 221

Macar, C., see Martinat-Botté, F., 22 (1990) 227

Mácha, J., see Matoušek, J., 1 (1978/1979) 193

MacDonald, A.A., see Forsling, M.L., 2 (1979) 43

Macdonald, A.A., Patterns of endocrine change in the pig foetus, 2 (1979) 289

Macdonald, D.C., see Aboul-Ela, M.B., 5 (1982/1983) 259

Macdonald, D.C., see Aboul-Ela, M.B., 5 (1982/1983) 323

Machado, A.B.M., see Torres, C.N., 6 (1983) 135

MacLennan, A.H., see Stone, B.A., 15 (1987) 227

MacLennan, E.A., see Challis, J.R.G., 2 (1979) 29

Macleod, G.K., see King, G.J., 6 (1983/1984) 255

Macmillan, K.L., Day, A.M. and Smith, J.F., Onset of oestrus and fertility in lactating dairy cows injected with an analogue of prostaglandin $F_{2\alpha}$, cloprostenol, 3 (1980) 171

Macmillan, K.L. and Henderson, H.V., Analyses of the variation in the interval from an injection of prostaglandin $F_{2\alpha}$ to oestrus as a method of studying patterns of follicle development during dioestrus in dairy cows, 6 (1983/1984) 245

Macmillan, K.L., Day, A.M., Taufa, V.K., Gibb, M. and Pearce, M.G., Effects of an agonist of gonadotrophin releasing hormone in cattle, I. Hormone concentrations and oestrous cycle length, 8 (1985) 203

Macmillan, K.L., Day, A.M., Taufa, V.K., Peterson, A.J. and Pearce, M.G., Effects of an agonist of gonadotrophin releasing hormone in cattle, II. Interactions with injected prostaglandin $F_{2\alpha}$ and unilateral ovariectomy, 8 (1985) 213

Macmillan, K.L., Taufa, V.K. and Day, A.M., Effects of an agonist of gonadotrophin releasing hormone (Buserelin) in cattle, III. Pregnancy rates after a post-insemination injection during metoestrus or dioestrus, 11 (1986) 1

Madan, M.L., see Prakash, B.S., 11 (1986) 111

Madani, M.O.K. and Rahal, M.S., Puberty in Libyan male goats, 17 (1988) 207

Madej, A., Barcikowski, B., Stupnicki, R., Kula, E. and Binienda, Z., Luteinizing hormone response to injection of synthetic gonadotrophin releasing hormone or infusion of oestradiol-17β in heifers, 3 (1980) 17

Madej, A., see Gustafsson, H., 10 (1986) 261

Madej, A., see Rojanasthien, S., 13 (1987) 299

Mäentausta, O., see Bertoft, E., 12 (1987) 291 Magee, W.T., see Dukelow, W.R., 4 (1981) 55

Mah, J., see Okrasa, S., 22 (1990) 39

Mahieu, M., Jégo, Y., Driancourt, M.A. and Chemineau, P., Reproductive performances of Creole and Black-Belly ewes in the West Indies. A new major gene controlling ovulation rate?, 19 (1989) 235

Majeed, A.F. and Taha, M.B., Preliminary study on treatment of ringwomb in Iraqi goats, 18 (1989) 199

Makarechian, M., see Farid, A., 14 (1987) 21

Mallinson, C.B., see Reynolds, I.P., 4 (1981) 107

Maltz, E., see Ezov, N., 22 (1990) 281

Mamboue, E., see Chicoteau, P., 21 (1989) 153

Manchester, L., see Challis, J.R.G., 2 (1979) 29

Mani, R., see Aboul-Ela, M.B., 5 (1982/1983) 323

Manns, J., see González-Menció, F., 1 (1978) 137

Manns, J.G., see Sharpe, P.H., 10 (1986) 61

Manspeaker, J., see Gross, T.S., 8 (1985) 193

Manspeaker, J.E., see Larson, G.H., 25 (1991) 31

Manten, A.A., Structure of papers in animal science and implications in journal management, 1 (1978) 85

Mapletoft, R.J., see Shettigara, P.T., 4 (1981) 73

Marcek, J.M., see Hamra, A.H., 11 (1986) 187

Marcek, J.M., see Carlson, K.M., 18 (1989) 205

Marcek, J.M., see Hamra, A.H., 18 (1989) 219

Marcus, G.J., see Robertson, H.A., 3 (1980) 69

Marcus, G.J., see Levine, R.D., 9 (1985) 45

Marcus, G.J., see Langford, G.A., 19 (1989) 19

Marengo, S.R., see Bazer, F.W., 7 (1984) 115

Mariana, J.C., see Yenikoye, A., 21 (1989) 201

Marinova, Ch.P., see Kanchev, L.N., 17 (1988) 1

Martin, G.B., see Oldham, C.M., 1 (1978/1979) 283

Martin, G.B., see Oldham, C.M., 1 (1978/1979) 291

Martin, G.B., Oldham, C.M. and Lindsay, D.R., Increased plasma LH levels in seasonally anovular Merino ewes following the introduction of rams, 3 (1980) 125

Martin, G.B., Sutherland, S.R.D. and Lindsay, D.R., Effects of nutritional supplements on testicular size and the secretion of LH and testosterone in Merino and Booroola rams, 12 (1987) 267

Martin, G.B., see King, R.H., 19 (1989) 283

Martin, K.A. and Liptrap, R.M., Effect of partial fetectomy on plasma 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ in late pregnancy of sows, 4 (1981/1982) 321

Martin, M.J., see Flowers, B., 21 (1989) 93

Martin, M.J., Cantley, T.C., Flowers, W.L. and Day, B.N., Development of porcine embryos following microsurgical blastomere transplantation, 24 (1991) 315

Martinat-Botté, F., see Prunier, A., 14 (1987) 205

Martinat-Botté, F., see Signoret, J.P., 22 (1990) 221

Martinat-Botté, F., Bariteau, F., Forgerit, Y., Macar, C., Moreau, A., Terqui, M. and Signoret, J.P., Control of oestrus in gilts, II. Synchronization of oestrus with a progestagen, altrenogest (Regumate): effect on fertility and litter size, 22 (1990) 227

Martinet, J., see Al-Gubory, K.H., 13 (1987) 269

Martinet, J., see Al-Gubory, K.H., 15 (1987) 113

Martinet, J., see Schirar, A., 19 (1989) 79

Masaki, J., see Umezu, M., 15 (1987) 95

Masaki, J., see Miyamoto, A., 17 (1988) 177

Masaki, J., see Miyamoto, A., 20 (1989) 165

Masazumi, S., see Ashizawa, K., 21 (1989) 301

Mascarenhas, R.D., Rios Vasques, M.I.A.M., Horta, A.E.M., Robalo Silva, J. and Portugal, A.V., Seasonal variation in the ovarian activity of beef cows assessed by monitoring progesterone concentrations, 10 (1986) 251

Massip, A., Van der Zwalmen, P., Scheffen, B. and Ectors, F., Some significant steps in the cryopreservation of mammalian embryos with a note in a vitrification procedure, 19 (1989) 117

Massri, Y.G., see Hamra, A.H., 11 (1986) 187

Mateusiak, K., see Przekop, F., 7 (1984) 333

Mathur, A.K., Srivastava, R.S., Rawat, P.S. and Kalra, D.B., Seasonal variation in the semen characters of Soviet Angora rabbit bucks, 19 (1989) 293

Matoušek, J., Veselský, L., Baše, J. and Dostál, J., The effect of bull seminal ribonuclease on spermatogenesis in the rabbit, 1 (1978) 49

Matoušek, J., Dostál, J., Mácha, J. and Staněk, R., Cytotoxic effect of structurally modified bull seminal ribonuclease (AS RNase), 1 (1978/1979) 193

Matoušek, J., Pícha, J., Píchová, D. and Petelíková, J., Seminal ribonuclease of bulls—biosynthesis in normal and orchitic bulls and correlation with blood plasma hormone levels, 3 (1980) 1

Matoušek, J. and Kysilka, Č., The haemolytic factor (phospholipid-binding protein) of the bull reproductive tract—its synthesis and effect on spermatozoal cytoplasm droplets, 3 (1980) 195

Matoušek, J., Pícha, J. and Píchová, D., Synthesis of phospholipid-binding protein in the reproductive organs of the bull during ontogenesis, 3 (1980) 207

Matoušek, J., Pícha, J. and Píchová, D., Seminal ribonuclease synthesis in bull reproductive organs during ontogenesis, 4 (1981) 9

Matoušek, J. and Kysilka, Č., The phospholipid-binding protein of the reproductive tract of the bull—effect on the removal of spermatozoal cytoplasm droplets in other species and influence of antibodies on its reactivity, 7 (1984) 433

Matoušek, J., Biological and immunological roles of proteins in the sperm of domestic animals (review), 8 (1985) 1

Matoušek, J., Říha, J., Sršeň, V., Veselský, L. and Louda, F., Penetration of cervical mucus and other body fluids by bull sperm in capillary tubes, 18 (1989) 161

Mauget, R. and Boissin, J., Seasonal changes in testis weight and testosterone concentration in the European wild boar (*Sus scrofa* L.), 13 (1987) 67

Mauget, R., see Pépin, D., 20 (1989) 71

Maurya, R.B. and Pant, H.C., Buffalo fetal cotyledons contain certain factors that suppress compensatory ovarian hypertrophy in mice, 22 (1990) 1

Maxwell, W.M.C., see Salamon, S., 2 (1979) 373

Maxwell, W.M.C., Artificial insemination of ewes with frozen-thawed semen at a synchronised oestrus 1. Effect of time of onset of oestrus, ovulation and insemination on fertility, 10 (1986) 301

Maxwell, W.M.C., Artificial insemination of ewes with frozen-thawed semen at a synchronised oestrus 2. Effects of dose of spermatozoa and site of intrauterine insemination on fertility, 10 (1986) 309

Mayan, M.H., see Silvia, W.J., 7 (1984) 57

Mayer, G., see Sartor, P., 1 (1978) 93

McCabe, C.T., see Hale, D.H., 3 (1980/1981) 279

McCabe, C.T., see Wells, P.L., 8 (1985) 315

McCabe, C.T., see Wells, P.L., 12 (1986) 1

McCaughey, W.J., see Ball, H.J., 13 (1987) 61

McCorquodale, M., see Chakraborty, J., 9 (1985) 101

McCracken, J.A., Schramm, W. and Okulicz, W.C., Hormone receptor control of pulsatile secretion of $PGF_{2\alpha}$ from the ovine uterus during luteolysis and its abrogation in early pregnancy, 7 (1984) 31

McCutcheon, S.N., see Xu, Z.Z., 19 (1989) 67

McDonald, M.F., see McMillan, W.H., 8 (1985) 235

McDonald, M.F., see Xu, Z.Z., 19 (1989) 67

McFarlane, J.R., see Johnstone, I.P., 7 (1984) 363

McKelvey, W.A.C., Wallace, J.M., Robinson, J.J. and Aitken, R.P., Studies on increasing breeding frequency in the ewe, I. The fertilization of ova during the early post-partum period, 18 (1989) 1

McKelvey, W.A.C., see Wallace, J.M., 18 (1989) 271

McKibbin, P.E., see Sharpe, P.H., 10 (1986) 61

McLeod, B.J. and Haresign, W., Induction of fertile oestrus in seasonally anoestrous ewes with low doses of GN-RH, 7 (1984) 413

McLeod, B.J. and Haresign, W., Plasma FSH concentrations in seasonally anoestrous ewes induced to ovulate with repeated injections or continuous infusion of GnRH, 14 (1987) 53

McLeod, B.J., Haresign, W., Peters, A.R., Humke, R. and Lamming, G.E., The development of subcutaneous-delivery preparations of GnRH for the induction of ovulation in acyclic sheep and cattle, 17 (1988) 33

McLeod, B.J., see Jagger, J.P., 18 (1989) 111

McLeod, B.J., see Dodson, S.E., 21 (1989) 1

McLeod, B.J., see Dodson, S.E., 22 (1990) 271

McLeod, B.J., Dodson, S.E., Peters, A.R. and Lamming, G.E., Effects of a GnRH agonist (Buserelin) on LH secretion in post-partum beef cows, 24 (1991) 1

McLeod, B.J. and McNeilly, A.S., Manipulation of plasma FSH concentrations by administration of bFF affects secretion in seasonally anoestrous ewes, 25 (1991) 115

McMillan, W.H. and McDonald, M.F., Survival of fertilized ova from ewe lambs and adult ewes in the uteri of ewe lambs, 8 (1985) 235

McNally, J.W., see Hamra, A.H., 18 (1989) 219

McNatty, K.P., see Kelly, R.W., 6 (1983/1984) 199

McNatty, K.P., see Henderson, K.M., 22 (1990) 121

McNeilly, A.S., see Rhind, S.M., 10 (1986) 105

McNeilly, A.S., see McLeod, B.J., 25 (1991) 115

McPhee, S.R., see Folman, Y., 4 (1981) 117

Mehta, S.N., see Georgie, G.C., 9 (1985) 95

Meinecke, B., Gips, H. and Meinecke-Tillmann, S., Progestagen, androgen and oestrogen levels in plasma and ovarian follicular fluid during the oestrous cycle of the mare, 12 (1987) 255

Meinecke-Tillmann, S., see Meinecke, B., 12 (1987) 255

Meirelles, C.F., see Alvarez, R.H., 25 (1991) 93

Ménézo, Y., see Techakumphu, M., 13 (1987) 221

Menino, A., Jr., see Wright, R.W., Jr., 5 (1982/1983) 207

Menino, A.R., Jr., Williams, J.S., Gardiner, C.S. and John, T.L., Mouse embryo development in media containing growth factors, 18 (1989) 125

Mercado, E., see Rosales, A.M., 23 (1990) 213

Merilan, C.P., see Salhab, S.A., 24 (1991) 53

Mesfin, T., see Mukasa-Mugerwa, F., 24 (1991) 63

Mestre, J., see Alberio, R.H., 14 (1987) 263

Mesure-Morat, M., see Bonneau, M., 15 (1987) 259

Meusnier, C., see Schirar, A., 19 (1989) 79

Meyer, H.-D., see Claus, R., 23 (1990) 145

Meyer, H.H.D., see Prakash, B.S., 16 (1988) 225

Meyer, W., see Boos, A., 15 (1987) 145

Mgongo, F.O.K., Doses of prostaglandin analogue "cloprostenol" by intravulvo-submucosal (IVSM) injections effective for the induction of oestrus in goats, 14 (1987) 139

Míka, J., see Petr. J. Tománek, M., 24 (1991) 37

Mileguir, F., see Shemesh, M., 7 (1984) 177

Miller, B.G., see Stone, G.M., 6 (1983/1984) 277

Miller, B.G., see Zhang, X., 18 (1989) 253

Miller, D.M., see Thompson, F.N., 6 (1983) 59

Mitchell, D., see Betteridge, K.J., 4 (1981/1982) 207

Mitchell, M.D., see Silver, M., 2 (1979) 305

Miyamoto, A., see Umezu, M., 15 (1987) 95

Miyamoto, A., Umezu, M., Ito, S., Ishii, S., Masaki, J. and Ohta, M., Effects of bull seminal plasma extract on release of FSH and LH by GnRH injection in pubertal beef bulls, 17 (1988) 177

Miyamoto, A., Umezu, M., Ishii, S., Furusawa, T., Masaki, J., Hasegawa, Y. and Ohta, M., Serum inhibin, FSH, LH and testosterone levels and testicular inhibin content in beef bulls from birth to puberty, 20 (1989) 165

Moallin Dahir, A., see Bono, G., 21 (1989) 101

Mohamed, A.R. and Noakes, D.E., The experimental infection of the amniotic sac of sheep, 9 (1985) 231

Mohan, J., Moudgal, R.P. and Singh, N.B., Angiotensin-converting-enzyme activity in epididymis, vas deferens and spermatozoa of domestic cock (*Gallus domesticus*), 23 (1990) 349

Moir, C.E., see Adam, C.L., 18 (1989) 77

Molina, J.R., see Benoit, A.M., 13 (1987) 239

Molina, J.R., see Benoit, A.M., 18 (1989) 61

Moller, K., see Kirkwood, R.N., 9 (1985) 163

Molnár, L., see Haraszti, J., 9 (1985) 125

Molokwu, E.C.I., see Fasanya, O.O.A., 14 (1987) 65

Molokwu, E.C.I., see Dawuda, P.M., 21 (1989) 79

Molokwu, E.C.I., see Dawuda, P.M., 23 (1990) 1

Monet-Kuntz, C., see Hochereau-De Reviers, M.-T., 23 (1990) 21

Montgomery, G.W., Bray, A.R. and Kelly, R.W., Ovulation rates of first cross Booroola compared with local breed ewes following differential feeding, 6 (1983/1984) 209

Montgomery, G.W., Scott, I.C. and Johnstone, P.D., Seasonal changes in ovulation rate in Coopworth ewes maintained at different liveweights, 17 (1988) 197

Montsma, G., see Okere, C., 11 (1986) 249

Moore, N.W., see Munro, R.K., 11 (1986) 81

Moran, C., Quirke, J.F. and Roche, J.F., Puberty in heifers: a review, 18 (1989) 167

Morant, S.V., see Buttle, H.L., 11 (1986) 129

Morbey, A.S.C., see Walker, S.K., 8 (1985) 61

Morbey, A.S.C., see Walker, S.K., 9 (1985) 137

Moreau, A., see Signoret, J.P., 22 (1990) 221

Moreau, A., see Martinat-Botté, F., 22 (1990) 227

Mori, J., see Kawate, N., 23 (1990) 273

Mori, J., see Kawate, N., 24 (1991) 185

Mori, Y., see Mukai, S., 20 (1989) 287

Morrill, A.S., see Jackson, F.L., 14 (1987) 75

Morris, B., see Hein, W.R., 21 (1989) 223

Morris, J.S., see Heimann, E.D., 7 (1984) 315

Morrow, R.E., see Heimann, E.D., 7 (1984) 315

Morstin, J. and Kątska, L., Effect of temperature on the ultrastructure of bovine oocytes in culture, 12 (1986) 13

Mortimer, D., The distribution of diploid rabbit spermatozoa in the female tract after artificial insemination, 1 (1978/1979) 245

Mortimer, D., see Hunter, M.G., 4 (1981) 29

Moser, M.T., Garverick, A.H., Smith, M.F. and Youngquist, R.S., Follicular growth and endocrine patterns of prepuberal heifers administered bovine follicular fluid and (or) follicle stimulating hormone, 18 (1989) 227

Mosher, M.D., Ottobre, J.S., Haibel, G.K. and Zartman, D.L., Estrual rise in body

temperature in the bovine, II. The temporal relationship with ovulation, 23 (1990) 99

Mostafawi, Dj., see Schels, H.F., 1 (1978) 19

Möstl, E., see Choi, H.S., 5 (1982/1983) 175

Möstl, E., Ismail, M.N., Choi, H.S. and Bamberg, E., Epitestosterone and oestrogen concentration in plasma of cows during induction of parturition with prostaglandin $F_{2\alpha}$, 14 (1987) 245

Motlik, J., see Pavlok, A., 16 (1988) 207

Motta, M., see Prandi, A., 17 (1988) 85

Moudgal, R.P., see Mohan, J., 23 (1990) 349

Mukai, S., Mori, Y., Nagashima, H., Hasegawa, Y. and Hoshino, K., Changes in plasma gonadotropins, ovarian steroids and inhibin concentrations in gilts following progesterone treatment with implantable osmotic pumps, 20 (1989) 287

Mukasa-Mugerwa, E. and Tekeleye, B., The reproductive performance of Ethiopian Highland sheep, 17 (1988) 95

Mukasa-Mugerwa, E., Tegegne, A., Mesfin, T. and Teklu, Y., Reproductive efficiency of *Bos indicus* (Zebu) cows under artificial insemination management in Ethiopia, 24 (1991) 63

Mukasa-Mugerwa, E., Tegegne, A. and Ketema, H., Patterns of postpartum oestrus onset and associated plasma progesterone profiles in *Bos indicus* cows in Ethiopia, 24 (1991) 73

Muller, B., see Cronin, G.M., 5 (1982/1983) 199

Mullins, S., see Putney, D.J., 19 (1989) 37

Munro, R.K. and Moore, N.W., Plasma concentrations of progesterone in ovariectomized and prepubertal heifers following intravaginal and intramuscular administration of progesterone, 11 (1986) 81

Munro, R.K., The superovulation response of *B. taurus* and *B. indicus* cattle following treatment with follicle stimulating hormone and progesterone, 11 (1986) 91

Munro, R.K., see Frisch, J.E., 15 (1987) 1

Munshi, S. and Pandey, S.D., The oestrous cycle in the large-eared hedgehog, *Hemiechinus auritus* Gmelin, 13 (1987) 157

Münster, E., see Claus, R., 23 (1990) 145

Murphy, B.D., see González-Menció, F., 1 (1978) 137

Murphy, B.D., Humphrey, W.D. and Shepstone, S.L., Luteal function in mink: the effects of hypophysectomy after the preimplantation rise in progesterone, 3 (1980) 225

Murphy, B.D., see Shettigara, P.T., 4 (1981) 73

Murphy, B.D., see Sharpe, P.H., 10 (1986) 61

Murthy, A.S.N., see Ramana, G.V., 21 (1989) 87

Musah, A.I., Schwabe, C., Willham, R.L. and Anderson, L.L., Dystocia, pelvic and cervical dilatation in beef heifers after induction of parturition with relaxin combined with cloprostenol or dexamethasone, 16 (1988) 237

Musah, A.I., see Juang, H.H., 20 (1989) 21

Musah, A.I., see Juang, H.H., 22 (1990) 47

Musah, A.I., see Juang, H.H., 22 (1990) 253

Muser, R.K., see Carlson, K.M., 18 (1989) 205

Mustafa, A.I., see Ali, B.H., 12 (1986) 63

N

Naaktgeboren, C., see Taverne, M.A.M., 2 (1979) 117

Naaktgeboren, C., Behavioural aspects of parturition, 2 (1979) 155

Naaktgeboren, C., see Ellendorff, F., 2 (1979) 323

Nagashima, H., see Mukai, S., 20 (1989) 287

Nair, P.G., see Balakrishnan, M., 11 (1986) 11

Naito, K., see Yamazaki, Y., 23 (1990) 253

Nakao, T., Shirakawa, J., Tsurubayashi, M., Ohboshi, K., Abe, T., Sawamukai, Y., Saga, N., Tsunoda, N. and Kawata, K., A preliminary report on the treatment of ovulation failure in cows with gonadotropin-releasing hormone analog or human chorionic gonadotropin combined with insemination, 7 (1984) 489

Nakayama, H., Hidaka, R. and Ashizawa, K., Effects of testosterone injection on the semen quality in boars during high ambient temperature, 25 (1991) 73

Nanda, A.S., Takkar, O.P. and Sharma, R.D., Serum progesterone levels as an index of pregnancy in buffaloes, 7 (1984) 447

Nanda, A.S. and Sharma, R.D., Serum testosterone concentrations in advanced pregnancy in water buffaloes (*Bubalus bubalis*), 9 (1985) 383

Nanda, A.S., see Singh, G., 16 (1988) 71

Nanda, A.S., Ward, W.R. and Dobson, H., Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows, 22 (1990) 289

Narashima Rao, A.V. and Venkatramaiah, P., Luteolytic effect of a low dose of cloprostenol monitored by changes in vaginal resistance in suboestrous buffaloes, 21 (1989) 149

Narasimha Rao, A.V. and Venkatramiah, P., Induction and synchronization of oestrus and fertility in seasonally anoestrous buffaloes with GnRH and a PGF analog, 25 (1991) 109

Narendran, R., Etches, R.J., Hacker, R.R. and Bowman, G.H., Effect of sexual stimulation on concentrations of 5α-androstenone and testosterone in the peripheral plasma of boars reared individually, 4 (1981/1982) 227

Nasir Hussain Shah, S., Van de Wiel, D.F.M., Willemse, A.H. and Engel, B., Opposite breeding seasons in dairy Zebu cows and dairy River buffaloes as assessed by first insemination records, 21 (1989) 25

Nasir Hussain Shah, S., Willemse, A.H., Van de Wiel, D.F.M. and Engel, B., Influence of season and parity on several reproductive parameters in Nili-Ravi buffaloes in Pakistan, 21 (1989) 177

Nathanielsz, P.W. and Fisher, D.A., Thyroid function in the perinatal period, 2 (1979) 57

Navarro-Fierro, R., see Jiménez, F., 9 (1985) 333

Navarro-Fierro, R., see Jiménez, F., 16 (1988) 199

Navarro-Fierro, R., see Hernandez, E., 25 (1991) 23

Naz, N.A., see Usmani, R.H., 14 (1987) 195

Neish, A., see D'Occhio, M.J., 22 (1990) 311

Nelson, D.R., see Kendall, J.Z., 16 (1988) 107

Newsome, F.E. and Kitts, W.D., Action of phyto-oestrogens coumestrol and genistein on cytosolic and nuclear oestradiol-17β receptors in immature rat uterus, 3 (1980) 233

Nicolle, J.C., see Amir, D., 6 (1983) 35

Nie, Z.-R. and Chan, J.S.D., Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report, 22 (1990) 213

Nie, Z.-R., see Chan, J.S.D., 23 (1990) 33

Niemann, H., Illera, M.J. and Dziuk, P.J., Developmental capacity, size and number of nuclei in pig embryos cultured in vitro, 5 (1982/1983) 311

Niemann, H., see Koch, E., 11 (1986) 195

Nishiyama, H., see Ashizawa, K., 9 (1985) 181

Nishiyama, H., see Fujihara, N., 12 (1986) 69

Niswender, G.D., see Silvia, W.J., 7 (1984) 57

Niwa, K., Hosoi, Y., Ōhara, K. and Iritani, A., Fertilization in vitro of rabbit eggs with or without follicular cells by epididymal spermatozoa capacitated in a chemically defined medium, 6 (1983) 143

Njoku, C.O., see Ogwu, D., 12 (1986) 179

Njoku, C.O., see Sekoni, V.O., 17 (1988) 61

Njoku, C.O., see Sekoni, V.O., 24 (1991) 249

Noakes, D.E., see Mohamed, A.R., 9 (1985) 231

Noakes, D.E., see Al-Eknah, M.M., 17 (1988) 69

Noble, R.C., see Frank, G.R., 15 (1987) 121

Noiles, E.E., see Dinger, J.E., 7 (1984) 511

Norris, M.L. and Rall, W.F., Embryo transfer to Mongolian gerbils during post partum pregnancy and pseudopregnancy, 11 (1986) 63

Northey, D.L., see Ware, C.B., 16 (1988) 97

Nottage, H.M., see Gooneratne, A.D., 5 (1982) 135

Notter, D.R., see Dzabirski, V., 19 (1989) 99

Notter, D.R., Effects of continuous ram exposure and early spring lambing on initiation of the breeding season in yearling crossbred ewes, 19 (1989) 265

Nowak, R., see Rodway, R.G., 8 (1985) 241

Nowicka, R., see Krzymowski, T., 5 (1982) 25

Nwakalor, L.N., see Igboeli, G., 14 (1987) 31

O

Oettlé, E.E., Changes in acrosome morphology during cooling and freezing of dog semen, 12 (1986) 145

Ogwu, D., Osori, D.I.K., Njoku, C.O., Ezeokoli, C.D. and Kumi-Diaka, J., Effects of the reproductive status in Zebu heifers on the immunoglobulin M and G levels in bovine *Trypanosoma vivax* infection, 12 (1986) 179

Ōhara, K., see Niwa, K., 6 (1983) 143

Ohboshi, K., see Ono, H., 5 (1982) 1

Ohboshi, K., see Nakao, T., 7 (1984) 489

Ohta, M., see Umezu, M., 15 (1987) 95

Ohta, M., see Miyamoto, A., 17 (1988) 177

Ohta, M., see Miyamoto, A., 20 (1989) 165

Okauchi, K., see Ashizawa, K., 9 (1985) 181

Okauchi, K., see Ashizawa, K., 10 (1986) 185

Okauchi, K., see Ashizawa, K., 21 (1989) 301

O'Kelly, J.C., Post, T.B. and Bryan, R.P., The influence of parasitic infestations on metabolism, puberty and first mating performance of heifers grazing in a tropical area, 16 (1988) 177

Okere, C., Chiboka, O. and Montsma, G., Effect of frequent ejaculation of West African Dwarf Goat on semen characteristics, 11 (1986) 249

Okrasa, S., see Dusza, L., 17 (1988) 115

Okrasa, S., see Janowski, T., 17 (1988) 297

Okrasa, S., see Ciereszko, R., 21 (1989) 53

Okrasa, S., Weigl, R., Mah, J. and Tilton, J., Concentrations of prolactin, LH and FSH after naloxone administration in follicular-phase gilts, 22 (1990) 39

Okrasa, S., see Kotwica, G., 22 (1990) 109

Okulicz, W.C., see McCracken, J.A., 7 (1984) 31

Olatunde, D.S., see Agu, W.E., 11 (1986) 123

Oldham, C.M., Martin, G.B. and Knight, T.W., Stimulation of seasonally anovular Merino ewes by rams, I. Time from intro-

duction of the rams to the preovulatory LH surge and ovulation, 1 (1978/1979) 283

Oldham, C.M. and Martin, G.B., Stimulation of seasonally anovular Merino ewes by rams, II. Premature regression of ram-induced corpora lutea, 1 (1978/1979) 291

Oldham, C.M. and Lindsay, D.R., Laparoscopy in the ewe: a photographic record of the ovarian activity of ewes experiencing normal or abnormal oestrous cycles, 3 (1980) 119

Oldham, C.M., see Martin, G.B., 3 (1980) 125

Oldham, C.M., see Pearce, D.T., 10 (1986) 117

Oldham, C.M., see Pearce, D.T., 13 (1987) 81

Oliveira, J.V., see Alvarez, R.H., 25 (1991) 93

Olorunju, S.A.S., see Sekoni, V.O., 17 (1988) 61

Olorunju, S.A.S., see Dawuda, P.M., 23 (1990) 1

Omeke, B.C.O., see Onuora, G.I., 18 (1989) 105

O'Neill, C.J., see Frisch, J.E., 15 (1987) 1

Ono, H., Fukui, Y., Terawaki, Y., Ohboshi, K. and Yamazaki, D., An intravulvosubmucous injection of prostaglandin $F_{2\alpha}$ in anoestrous cows, 5 (1982) 1

Ono, H., see Fukui, Y., 11 (1986) 25

Ono, H., see Fukui, Y., 18 (1989) 139

Onuora, G.I., The effect of hemicastration on sperm reserves of cockerels on a restricted dietary intake Sperm reserves and deposition of sperm in different strains of cockerels, 9 (1985) 285

Onuora, G.I., see Igboeli, G., 14 (1987) 31

Onuora, G.I., Spermatogenic activities of the left and right testes of hemicastrated and intact cockerels, 14 (1987) 157

Onuora, G.I. and Omeke, B.C.O., Effect of age at hemicastration on the body and testis weight of piglets, 18 (1989) 105

Opaluwa, G.I., see Rekwot, P.I., 14 (1987) 187

Orgeur, P., see Schanbacher, B.D., 14 (1987) 293

Orgeur, P., see Gonzalez, R., 21 (1989) 249

Orihuela, A., see Hernandez, E., 25 (1991) 23

Orji, B.I., see Igboeli, G., 14 (1987) 31

Orr, E.L., see Jackson, F.L., 14 (1987) 75

Ortavant, R., see Colas, G., 13 (1987) 255

O'Shaughnessy, P.J. and Wathes, D.C., Bovine luteal cell activity in culture. Maintenance of steroidogenesis by high density lipoprotein containing high or low beta-carotene concentrations, 17 (1988) 165

O'Shea, T., see Al-Obaidi, S.A.R., 14 (1987) 39

O'Shea, T., see Kind, K., 16 (1988) 27

Osman, A.M., see Williams, W.F., 11 (1986) 237

Osman, D.I. and Plöen, L., Fine structure of the modified Sertoli cells in the terminal segment of the seminiferous tubules of the bull, ram and goat, 2 (1979) 343

Osman, D.I. and Plöen, L., Spermatogenesis in the camel (*Camelus dromedarius*), 10 (1986) 23

Osman, D.I. and Plöen, L., Fine structure of Sertoli cells in the camel (*Camelus dromedarius*), 10 (1986) 37

Osman, D.I., The intratesticular excurrent ducts of the camel (*Camelus dromedarius*), 10 (1986) 47

Osman, D.I. and Plöen, L., Fine structure of epididymal spermatozoa in the camel (*Camelus dromedarius*), 10 (1986) 177

Osori, D.I.K., see Ogwu, D., 12 (1986) 179

Osuagwuh. A.I.A. and Akpokodje, J.U., Age of first breeding and incidence of dystocia and losses at parturition and postpartum in the indigenous Nigerian pig, 4 (1981) 149

Otchere, E.O., see Voh, A.A., Jr., 19 (1989) 191

Ottesen, B., Einer-Jensen, N. and Carter, A.M., Vasoactive intestinal polypeptide and endometrial blood flow in the goat, 6 (1983/1984) 217

Ottinger, M.A., see Clarke, R.N., 18 (1989) 25

Ottobre, A.C., see Clapper, J.A., 23 (1990) 89

Ottobre, J.S., Vincent, D.L., Silvia, W.J. and Inskeep, E.K., Aspects of regulation of uterine secretion of prostaglandins during the oestrous cycle and early pregnancy, 7 (1984) 75

Ottobre, J.S., see Clapper, J.A., 23 (1990) 89

Ottobre, J.S., see Mosher, M.D., 23 (1990) 99

Oudenaarden, C.P.J., see Van der Meulen, J., 24 (1991) 305

Over, R., see Claus, R., 22 (1990) 27

Owen, F.G., see Larson, L.L., 9 (1985) 31

Owen, F.G., see Wang, J.Y., 15 (1987) 139

Owen, J.B., see Brown, C.M., 25 (1991) 181

Owens, A.R., see Schofield, S.A., 24 (1991) 231

Owens, J.L., see Kelly, R.W., 6 (1983/1984) 199

Owens, J.L., see Hinch, G.N., 8 (1985) 53

Oyedipe, E.O., Pathiraja, N., Edqvist, L.-E. and Buvanendran, V., Onset of puberty and estrous cycle phenomena in Yankasa ewes as monitored by plasma progesterone concentrations, 12 (1986) 195

Oyedipe, E.O., see Rekwot, P.I., 14 (1987) 187

Oyedipe, E.O., see Rekwot, P.I., 16 (1988) 1

Oyedipe, E.O., Pathiraja, N., Gyang, E.O. and Edqvist, L.-E., Effect of dose of pregnant mare serum gonadotrophin on estrus parameters, ovulation rate and peripheral progesterone concentrations in Yankasa ewes, 20 (1989) 255

Oyejide, A., see Adeyemo, O., 22 (1990) 21

Ozil, J.-P., see Renard, J.-P., 2 (1979) 353

Özsar, S., Güven, B., Çelebi, M., Kalkandelen, G. and Van de Wiel, D.F.M., Testosterone and LH concentrations in the male Angora goat during puberty, 23 (1990) 319

P

Padwick, D., see Rodway, R.G., 8 (1985) 241

Page, R.D., Keisler, D.H., Butcher, R.L., Dailey, R.A. and Inskeep, E.K., Prepubertal and peripubertal changes in secretory patterns of LH and FSH in beef heifers, 14 (1987) 85

Palmer, F.H., see Wishart, G.J., 10 (1986) 317

Paly, J., see Al-Gubory, K.H., 15 (1987) 113

Paly, J., see Schirar, A., 19 (1989) 79

Pandey, R.S., see Batra, S.K., 5 (1982/1983) 247

Pandey, R.S., see Rao, L.V., 6 (1983/1984) 177

Pandey, R.S., see Jain, G.C., 9 (1985) 213

Pandey, S.C., see Pandey, S.D., 8 (1985) 295

Pandey, S.C. and Pandey, S.D., Seasonal patterns in the pheromonal regulation of oestrous cyclicity in wild mice, *Mus musculus domesticus*, 22 (1990) 349

Pandey, S.C. and Pandey, S.D., Mechanisms mediating the operation of puberty-influencing chemosignals in wild mice, *Mus musculus domesticus*, 25 (1991) 169

Pandey, S.D. and Pandey, S.C., Effect of intranasal irrigation with zinc sulphate on

male-induced oestrus in the wild mouse, *Mus musculus domesticus*, 8 (1985) 295

Pandey, S.D., see Munshi, S., 13 (1987) 157

Pandey, S.D., see Pandey, S.C., 22 (1990) 349

Pandey, S.D., see Pandey, S.C., 25 (1991) 169

Pang, S.C., see Chan, J.S.D., 23 (1990) 33

Pant, H.C., see Maurya, R.B., 22 (1990) 1

Parkinson, T.J., Kelly, R.W., Peters, A.R. and Lamming, G.E., The effect of intra-aortic infusion of prostaglandin E-2 on luteal function of mid-cycle heifers, 24 (1991) 217

Parvinen, M., see Sundqvist, C., 11 (1986) 295

Parvizi, N., see Ellendorff, F., 2 (1979) 323

Parvizi, N., see Elsaesser, F., 25 (1991) 155

Pashen, R.L. and Allen, W.R., Endocrine changes after foetal gonadectomy and during normal and induced parturition in the mare, 2 (1979) 271

Pashen, R.L., see Edmondson, A.J., 12 (1986) 157

Pashen, R.L., see Fissore, R.A., 12 (1986) 167

Paterson, A.M., Hughes, P.E. and Pearce, G.P., The effect of limiting the number of days of contact with boars, season and herd of origin on the attainment of puberty in gilts, 18 (1989) 293

Paterson, A.M., Hughes, P.E. and Pearce, G.P., The effect of season, frequency and duration of contact with boars on the attainment of puberty in gilts, 21 (1989) 115

Paterson, A.M. and Pearce, G.P., Attainment of puberty in domestic gilts reared under long-day or short-day artificial light regimens, 23 (1990) 135

Paterson, A.M., Pearce, G.P. and D'Antuono, M.F., Seasonal variation in attainment of puberty in isolated and boar-exposed domestic gilts, 24 (1991) 323

Pathiraja, N., see Oyedipe, E.O., 12 (1986) 195

Pathiraja, N., see Oyedipe, E.O., 20 (1989) 255

Patrick, J.E., see Challis, J.R.G., 2 (1979) 29

Pavlok, A., Interspecies interaction of zona-free ova with spermatozoa in mouse, rat and hamster, 2 (1979) 395

Pavlok, A., Torner, H., Motlik, J., Fulka, J., Kauffold, P. and Duschinski, U., Fertilization of bovine oocytes in vitro: effect of different sources of gametes on fertilization rate and frequency of fertilization anomalies, 16 (1988) 207

Pearce, D.T., Oldham, C.M. and Gray, S.J., Progestagens, PMSG and the "ram effect" after artificial insemination in spring to synchronise non-pregnant ewes, 10 (1986) 117

Pearce, D.T., Oldham, C.M., Haresign, W. and Gray, S.J., Effects of duration and timing of progesterone priming on the incidence of corpora lutea with a normal life-span in Merino ewes induced to ovulate by the introduction of rams, 13 (1987) 81

Pearce, G.P., Hughes, P.E. and Booth, W.D., The involvement of boar submaxillary salivary gland secretions in boar-induced precocious puberty attainment in the gilt, 16 (1988) 125

Pearce, G.P., see Paterson, A.M., 18 (1989) 293

Pearce, G.P., see Paterson, A.M., 21 (1989) 115

Pearce, G.P., see Paterson, A.M., 23 (1990) 135

Pearce, G.P., see Paterson, A.M., 24 (1991) 323

Pearce, M.G., see Macmillan, K.L., 8 (1985) 203

Pearce, M.G., see Macmillan, K.L., 8 (1985) 213

Peirce, A.R.J., Downey, B.R. and Sanford, L.M., Seasonal changes in plasma concentrations of prolactin, LH, FSH, and testosterone in young adult bulls, 13 (1987) 165

Pelletier, J., see Schanbacher, B.D., 14 (1987) 293

Pépin, D. and Mauget, R., The effect of planes of nutrition on growth and attainment of puberty in female wild boars raised in captivity, 20 (1989) 71

Peppler, R.D. and Stone, S.C., Annual pattern in plasma testosterone in the male armadillo, *Dasypus novemcinctus*, 4 (1981) 49

Perera, B.M.A.O., see Lundström, K., 5 (1982) 99

Perera, B.M.A.O., De Silva, L.N.A., Kuruwita, V.Y. and Karunaratne, A.M., Postpartum ovarian activity, uterine involution and fertility in indigenous buffaloes at a selected village location in Sri Lanka, 14 (1987) 115

Perreau, C., see Hochereau-De Reviers, M.-T., 23 (1990) 21

Petelíková, J., see Matoušek, J., 3 (1980) 1

Peter, D.A., see Tyrrell, R.N., 3 (1980) 149

Peters, A.R., Hewitt, D.S. and Lamming, G.E., The effect of exogenous progesterone on plasma LH and milk progesterone concentrations in multiple-suckling post-partum cows, 6 (1983) 103

Peters, A.R. and Lamming, G.E., The effect of epostane (Win32739), an inhibitor of 3β-hydroxy steroid dehydrogenase, on luteal function and gonadotrophin secretion in cows, 10 (1986) 91

Peters, A.R., see McLeod, B.J., 17 (1988) 33

Peters, A.R., see Jagger, J.P., 18 (1989) 111

Peters, A.R., see Dodson, S.E., 21 (1989) 1

Peters, A.R., see Dodson, S.E., 22 (1990) 271

Peters, A.R., see McLeod, B.J., 24 (1991) 1

Peters, A.R., see Parkinson, T.J., 24 (1991) 217

Peterson, A.J., see Macmillan, K.L., 8 (1985) 213

Peterson, H.P., see Buddenberg, B.J., 18 (1989) 243

Petr. J. Tománek, M., Fulka, J., Jr., Míka, J. and Jílek, F., Effects of GnRH on preovulatory endocrinology and oocyte maturation in PMSG-superovulated cows, 24 (1991) 37

Petrucco, O.M., see Stone, B.A., 15 (1987) 227

Peukert-Adam, I., see Boos, A., 15 (1987) 145

Pfitzner, A.P., see Armstrong, D.T., 5 (1982) 15

Philipon, P. and Driancourt, M.A., Potential of active immunization against androstenedione to improve fecundity in sheep, 15 (1987) 101

Philipon, P., Prieur, A.L. and Driancourt, M.A., Alterations in gonadotrophin secretion and ovarian sensitivity to gonadotrophins induced by active immunization against androstenedione, 19 (1989) 53

Philipsson, J., see Berglund, B., 15 (1987) 61

Philipsson, J., see Berglund, B., 15 (1987) 81

Philipsson, J., see Stålhammar, E.-M., 19 (1989) 1

Phillips, C.J.C., see Schofield, S.A., 24 (1991) 231

Pícha, J., see Matoušek, J., 3 (1980) 1

Pícha, J., see Matoušek, J., 3 (1980) 207

Pícha, J., see Matoušek, J., 4 (1981) 9

Pícha, J., see Laurinčík, J., 25 (1991) 189

Píchová, D., see Matousek, J., 3 (1980) 1

Píchová, D., see Matoušek, J., 3 (1980) 207

Píchová, D., see Matoušek, J., 4 (1981) 9

Píchová, D., see Laurinčík, J., 25 (1991) 189

Pickett, B.W., see Chow, P.Y.W., 11 (1986) 207

Pierson, R.A. and Ginther, O.J., Follicular populations during the estrous cycle in heifers, I. Influence of day, 14 (1987) 165

Pierson, R.A. and Ginther, O.J., Follicular populations during the estrous cycle in heifers, II. Influence of right and left sides and intraovarian effect of the corpus luteum, 14 (1987) 177

Pierson, R.A. and Ginther, O.J., Follicular population dynamics during the estrous cycle of the mare, 14 (1987) 219

Pierson, R.A. and Ginther, O.J., Intraovarian effect of the corpus luteum on ovarian follicles during early pregnancy in heifers, 15 (1987) 53

Pierson, R.A. and Ginther, O.J., Follicular populations during the estrous cycle in heifers, III. Time of selection of the ovulatory follicle, 16 (1988) 81

Pierson, R.A., see Bergfelt, D.R., 21 (1989) 261

Pierson, R.A. and Ginther, O.J., Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development, 22 (1990) 131

Pines, M., see Amir, D., 10 (1986) 245

Piper, L.R., see Holland, E.J., 4 (1981) 127

Piper, L.R., see Bindon, B.M., 5 (1982) 7

Piper, L.R., see Raadsma, H.W., 6 (1983/1984) 153

Piper, L.R., see Fry, R.C., 18 (1989) 149

Pittar, R.Y., see Gifford, D.R., 19 (1989) 209

Pivko, J., see Laurinčík, J., 25 (1991) 189

Plante, C., see Putney, D.J., 20 (1989) 31

Plante, L., see Langlais, J., 14 (1987) 129

Plöen, L., see Osman, D.I., 2 (1979) 343

Plöen, L., see Thilander, G., 8 (1985) 151

Plöen, L., see Osman, D.I., 10 (1986) 23

Plöen, L., see Osman, D.I., 10 (1986) 37

Plöen, L., see Osman, D.I., 10 (1986) 177

Plummer, J.M. and Watson, P.F., The quantitative ultrastructural assessment of head membrane damage in boar spermatozoa subjected to varying degrees of cold shock, 16 (1988) 265

Plummer, J.M., see Robertson, L., 18 (1989) 285

Plummer, J.M., see Watson, P.F., 24 (1991) 93

Pohl, H.A., see Carlson, K.M., 18 (1989) 205

Poindron, P., see Gonzalez, R., 21 (1989) 249

Poissonnet, P., see Steffan, J., 5 (1982/1983) 191

Ponzoni, R.W., see Walker, S.K., 8 (1985) 61

Ponzoni, R.W., see Walker, S.K., 9 (1985) 137

Pope, G.S., see Glencross, R.G., 4 (1981) 93

Pope, G.S., see Abeyawardene, S.A., 15 (1987) 27

Pope, G.S., Cunningham, J.M., Jenkins, N., Waites, G.M.H. and Watts, G.E., Oestradiol-17β in testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs and in jugular venous plasma of castrated prepubertal lambs, 22 (1990) 9

Porcelli, F., see Ferrandi, B., 13 (1987) 211

Porter, D.G., The myometrium and the relaxin enigma, 2 (1979) 77

Porter, D.G., see Lincoln, D.W., 2 (1979) 97

Porter, K.J., see Armstrong, D.T., 5 (1982) 15

Portugal, A.V., see Mascarenhas, R.D., 10 (1986) 251

Pöschl, M., see Zaoral, J., 4 (1981/1982) 181

Post, T.B., see O'Kelly, J.C., 16 (1988) 177

Poulsen, O.M., see Hau, J., 16 (1988) 135

Poulsen, O.M., see Andersen, L.L.I., 23 (1990) 157

Powden, A.L., see Silver, M., 2 (1979) 305

Powell, J.G., Jr., see Cochrane, R.L., 11 (1986) 215

Powell, J.G., Jr., see Cochrane, R.L., 11 (1986) 223

Poyser, N.L., Prostaglandin production by the uterus of the non-pregnant and early pregnant guinea-pig, 7 (1984) 1

Pozzi, J.R., see Alvarez, R.H., 25 (1991) 93

Prakash, B.S. and Madan, M.L., Peripheral plasma oestradiol-17β, progesterone and cortisol in buffaloes induced to calve with dexamethasone and vetoestrol, 11 (1986) 111

Prakash, B.S., Meyer, H.H.D. and Van de Wiel, D.F.M., Sensitive enzyme immunoassay of progesterone in skim milk using second-antibody technique, 16 (1988) 225

Prandi, A., see Tamanini, C., 11 (1986) 35

Prandi, A., see Tamanini, C., 13 (1987) 283

Prandi, A., Romagnoli, G., Chiesa, F. and Tamanini, C., Plasma prolactin variations and onset of ovarian activity in lactating anestrous goats given melatonin, 13 (1987) 291

Prandi, A., Motta, M., Chiesa, F. and Tamanini, C., Circannual rhythm of plasma prolactin concentration in the goat, 17 (1988) 85

Prasad, B.N., see Tewary, P.D., 4 (1981/1982) 245

Prasad, B.N., Does the internal coincidence model operate in the subtropical population of house sparrow, *Passer domesticus*?, 9 (1985) 295

Price, M.A., see Farid, A., 14 (1987) 21

Prieur, A.L., see Philipon, P., 19 (1989) 53

Procureur, R., see Chupin, D., 6 (1983) 11

Prokopp, S., see Schams, D., 2 (1979) 267

Prunier, A., Martinat-Botté, F., Ravault, J.P. and Camous, S., Perioestrous patterns of circulating LH, FSH, prolactin and oestradiol-17β in the gilt, 14 (1987) 205

Prunier, A., see Bonneau, M., 15 (1987) 241

Przała, J., Grazul, A. and Wiesak, T., The influence of prolactin (PRL) on progesterone secretion by porcine luteal cells in vitro, 7 (1984) 351

Przekop, F., see Skubiszewski, B., 4 (1981/1982) 269

Przekop, F., Wolińska-Witort, E., Mateusiak, K., Sadowski, B. and Domański, E., The effect of prolonged stress on the oustrous cycles and prolactin secretion in sheep, 7 (1984) 333

Pusateri, A.E., see Conley, A.J., 20 (1989) 221

Putney, D.J., Mullins, S., Thatcher, W.W., Drost, M. and Gross, T.S., Embryonic development in superovulated dairy cattle exposed to elevated ambient temperatures between the onset of estrus and insemination, 19 (1989) 37

Putney, D.J., Torres, C.A.A., Gross, T.S, Thatcher, W.W., Plante, C. and Drost, M., Modulation of uterine prostaglandin biosynthesis by pregnant and nonpregnant cows at day 17 post-estrus in response to in vivo and in vitro heat stress, 20 (1989) 31

Q

Queiroz, G.F., see Cardoso, F.M., 17 (1988) 77

Quinn, P., see Stone, B.A., 7 (1984) 405

Quinn, P., see Stone, B.A., 11 (1986) 51

Quirke, J.F., see Zarco, L., 7 (1984) 245

Quirke, J.F., Hanrahan, J.P. and Gosling, J.P., The effect of oestradiol benzoate on

the duration of oestrus and release of LH in ovariectomized Galway ewe lambs and adult ewes, 13 (1987) 37

Quirke, J.F., Stabenfeldt, G.H. and Bradford, G.E., Year and season effects on oestrus and ovarian activity in ewes of different breeds and crosses, 16 (1988) 39

Quirke, J.F., see Ronayne, E., 18 (1989) 13

Quirke, J.F., see Moran, C., 18 (1989) 167

Quirke, J.F., see Ronayne, E., 24 (1991) 283

R

Raadsma, H.W., Edey, t.N., Bindon, B.M. and Piper, L.R., Behaviour and mating performance of paddock-mated beef bulls, 6 (1983/1984) 153

Raadsma, H.W. and Edey, T.N., Mating performance of paddock-mated rams, I. Changes in mating performance, ejaculate characteristics and testicular size during the joining period, 8 (1985) 79

Raadsma, H.W. and Edey, T.N., Mating performance of paddock-mated rams, II. Changes in sexual and general activity during the joining period, 8 (1985) 101

Radford, H.M., see Holland, E.J., 4 (1981) 127

Raeside, J.I., Seasonal changes in the concentration of estrogens and testosterone in the plasma of the stallion, 1 (1978/1979) 205

Raeside, J.I., see Tan, H.S., 3 (1980) 73

Raeside, J.I. and Rosskopf, E.M., Simulation of pregnancy levels of plasma oestrone sulphate by infusion in the non-pregnant mare: a preliminary study, 3 (1980) 101

Raeside, J.I. and Xun, H.-C., Direct effect of cortisol on androstenedione production by thecal cells from porcine ovarian follicles, 12 (1986) 39

Raeside, J.I., see Ryan, P.L., 23 (1990) 75

Rafaeli, A., see Shemesh, M., 7 (1984) 177

Rahal, M.S., see Madani, M.O.K., 17 (1988) 207

Rahim, A.T.A., see Tingari, M.D., 12 (1986) 213

Rahman, H.A., see Ibrahim, M.A.R., 6 (1983/1984) 167

Rajamahendran, R., Jayatilaka, K.N., Dharmawardena, J. and Thamotharam, M., Oestrus synchronization in buffaloes (*Bubalus bubalis*), 3 (1980) 107

Rajamahendran, R., Laque, P.C. and Baker, R.D., Serum hormone levels and occurrence of oestrus following use of an intravaginal device containing progesterone and oestradiol 17β in heifers, 3 (1980/1981) 271

Rajamahendran, R. and Thamotharam, M., Effect of progesterone releasing intravaginal device (PRID) on fertility in the post-partum buffalo cow, 6 (1983) 111

Rajamahendran, R. and Taylor, C., Characterization of ovarian activity in postpartum dairy cows using ultrasound imaging and progesterone profiles, 22 (1990) 171

Rajamahendran, R., Shelford, J.A., Ravindran, V. and Kennelly, J.J., Effect of single lactation treatment with recombinant bovine growth hormone on reproductive performance in dairy cows, 24 (1991) 211

Rajendren, G. and Dominic, C.J., Involvement of contact stimuli in the male-induced implantation block (the Bruce effect) in mice, 7 (1984) 377

Rall, W.F., see Norris, M.L., 11 (1986) 63

Ramana, G.V., Reddy, B.B., Kesava Reddy, K., Murthy, A.S.N. and Haranath, G.B., Effect of prostaglandins on characteristics of buffalo semen at 4°C, 21 (1989) 87

Ramirez, B., see Jiménez, F., 9 (1985) 333

Randall, G.C.B., see Betteridge, K.J., 4 (1981/1982) 207

Randall, G.C.B., see Betteridge, K.J., 7 (1984) 195

Randall, G.C.B., Taverne, M.A.M., Challis, J.R.G., Kendall, J.Z. and Tsang, B.K., Interrelationships between endocrine changes in peripheral and uterine-venous blood and uterine activity at parturition in the pig, 11 (1986) 283

Randall, G.C.B., Kendall, J.Z., Tsang, B.K. and Taverne, M.A.M., Endocrine changes following infusion of fetal pigs with corticotropin in litters of reduced numbers, 23 (1990) 109

Rao, A.V.N., Sreemannarayana, O. and Rao, K.P., Oestrous response and fertility in post-partum anoestrous buffaloes treated with a progestagen, pregnant mares' serum gonadotrophin and prostaglandin during the low breeding season, 8 (1985) 129

Rao, A.V.N., Haranath, G.B., Soma Sekharam, G. and Rao, J.R., Effect of thaw rates on motility, survival and acrosomal integrity of buffalo spermatozoa frozen in medium French straws, 12 (1986) 123

Rao, J.R., see Rao, A.V.N., 12 (1986) 123

Rao, K.P., see Rao, A.V.N., 8 (1985) 129

Rao, L.V. and Pandey, R.S., Seasonal variations in plasma glucocorticoid levels in buffalo cows (*Bubalus bubalis*), 6 (1983/1984) 177

Rao, V.H., Sarmah, B.C., Agrawal, K.P., Ansari, M.R. and Bhattacharyya, N.K., Survival of goat embryos frozen and thawed rapidly, 16 (1988) 261

Raś, A., see Janowski, T., 17 (1988) 297

Rathmacher, R.P., see Cochrane, R.L., 11 (1986) 223

Ravault, J.P., see Prunier, A., 14 (1987) 205

Ravie, O. and Lake, P.E., The phospholipid-bound fatty acids of fowls and turkey spermatozoa, 9 (1985) 189

Ravie, O., see Lake, P.E., 9 (1985) 273

Ravindran, V., see Rajamahendran, R., 24 (1991) 211

Rawat, P.S., see Mathur, A.K., 19 (1989) 293

Rebours, C., see Torres, S., 6 (1983) 25

Reddy, B.B., see Ramana, G.V., 21 (1989) 87

Reddy, G.N.S., see Chaffaux, S., 10 (1986) 193

Reeve, D.V., see Gifford, D.R., 19 (1989) 209

Reeves, J.J., see Grieger, D.M., 24 (1991) 205

Reid, I.M., Reproductive performance and fatty liver in Guernsey cows, 5 (1982/1983) 275

Rekwot, P.I., Voh, A.A., Jr., Oyedipe, E.O., Opaluwa, G.I., Sekoni, V.O. and Dawuda, P.M., Influence of season on characteristics of the ejaculate from bulls in an artificial insemination centre in Nigeria, 14 (1987) 187

Rekwot, P.I., Oyedipe, E.O., Akerejola, O.O. and Kumi-Diaka, J., The effect of protein intake on body weight, scrotal circumference and semen production of Bunaji bulls and their Friesian crosses in Nigeria, 16 (1988) 1

Renard, J.-P., Ozil, J.-P. and Heyman, Y., The use of embryo transfer in the field for increased calf crops in beef and dairy cattle, 2 (1979) 353

Renaud, G., see Sempéré, A.J., 20 (1989) 155

Restall, B.J., see Tyrrell, R.N., 3 (1980) 155

Revol, B. and Wilson, P.R., Foetal ageing in farmed red deer using real-time ultrasonography, 25 (1991) 241

Reynolds, I.P., Harrison, L.P., Mallinson, C.B., Harwood, D.J. and Heitzman, R.J., The effect of trenbolone acetate on the bovine oestrous cycle, 4 (1981) 107

Rhind, S.M., Leslie, I.D., Gunn, R.G. and Doney, J.M., Plasma, FSH, LH, prolactin

and progesterone profiles of Cheviot ewes with different levels of intake before and after mating, and associated effects on reproductive performance, 8 (1985) 301

Rhind, S.M. and McNeilly, A.S., Follicle populations, ovulation rates and plasma profiles of LH, FSH and prolactin in Scottish Blackface ewes in high and low levels of body condition, 10 (1986) 105

Rhind, S.M., Wetherill, G.Z. and Gunn, R.G., Diurnal profiles of LH, prolactin and progesterone and their interrelationships in ewes in high or moderate levels of body condition, 24 (1991) 119

Ricketts, A.P., see Flint, A.P.F., 2 (1979) 239

Rico, L.E., see Thatcher, W.W., 7 (1984) 149

Ridha, M.T. and Dukelow, W.R., The developmental potential of frozen-thawed hamster preimplantation embryos following embryo transfer: viability of slowly frozen embryos following slow and rapid thawing, 9 (1985) 253

Ridley, D.D., see Brown-Woodman, P.D.C., 21 (1989) 141

Řıha, J., see Matoušek, J., 18 (1989) 161

Rios Vasques, M.I.A.M., see Mascarenhas, R.D., 10 (1986) 251

Rioux, J.E., see Lambert, R.D., 3 (1980/1981) 335

Robalo Silva, J., see Mascarenhas, R.D., 10 (1986) 251

Roberts, A.J., see Grieger, D.M., 24 (1991) 205

Roberts, K.D., see Langlais, J., 14 (1987) 129

Robertson, H.A., Chan, J.S.D., Hackett, A.J., Marcus, G.J. and Friesen, H.G., Diagnosis of pregnancy in the ewe at mid-gestation, 3 (1980) 69

Robertson, H.A., see Levine, R.D., 9 (1985) 45

Robertson, H.A., see Friend, D.W., 11 (1986) 69

Robertson, L. and Watson, P.F., The effect of egg yolk on the control of intracellular calcium in ram spermatozoa cooled and stored at 5°C, 15 (1987) 177

Robertson, L., Plummer, J.M. and Watson, P.F., Acquired resistance to cold shock in ram spermatozoa revealed by microscopy and a calcium radioassay, 18 (1989) 285

Robinson, J.J., see McKelvey, W.A.C., 18 (1989) 1

Robinson, J.J., see Wallace, J.M., 18 (1989) 271

Robinson, J.S., The sheep fetus at parturition, 2 (1979) 167

Robinson, T.J., see Evans, G., 3 (1980) 23

Robinson, T.J., see Evans, G., 3 (1980) 39

Robinson, T.J., Editorial, 6 (1983/1984) 243

Robinson, T.J., Scaramuzzi, R.J. and Smith, C.A., The time of mating and of LH release and subsequent fertility of anoestrous Border Leicester × Merino ewes treated with progestagen and pregnant mare serum gonadotrophin, 13 (1987) 23

Roche, J.F., Control of oestrus in cattle using progesterone coils, 1 (1978) 145

Roche, J.F., see Ronayne, E., 18 (1989) 13

Roche, J.F., see Moran, C., 18 (1989) 167

Roche, J.F., see Jordan, B.T., 23 (1990) 41

Roche, J.F., see Ronayne, E., 24 (1991) 283

Rodriguez, J.M., see Diaz, P., 17 (1988) 251

Rodriguez, J.M., see Ubilla, E., 19 (1989) 299

Rodriguez, J.M., Agrasal, C. and Esquifino, A., Influence of sexual receptivity on LH, FSH and prolactin release after GnRH administration in female rabbits, 20 (1989) 57

Rodriguez-Martinez, H. and Einarsson, S., Influence of prostaglandins on the spontaneous motility of pig oviducts, 8 (1985) 259

Rodriguez-Martinez, H., see Albihn, A., 21 (1989) 161

Rodriguez-Martinez, H., see Albihn, A., 24 (1991) 25

Rodway, R.G., Swift, A.D., Nowak, R., Smith, J.A. and Padwick, D., Plasma concentrations of melatonin and the onset of puberty in female lambs, 8 (1985) 241

Rodway, R.G. and Swift, A.D., A comparison of PMSG and LHRH agonist treatment in the induction of ovulation in the anoestrous ewe, 9 (1985) 153

Rogdakis, E., see Bizelis, J.A., 23 (1990) 197

Rojanasthien, S., Madej, A., Lundeheim, N. and Einarsson, S., Luteinizing hormone response to different doses of synthetic gonadotropin-releasing hormone during early and late lactation in primiparous sows, 13 (1987) 299

Rojanasthien, S., Einarsson, S., Kindahl, H., Edqvist, L.-E. and Lundeheim, N., Clinical and endocrine responses to pulsatile administration of gonadotropin-releasing hormone (GnRH) treatment during lactation in primiparous sows, 17 (1988) 123

Rojanasthien, S., see Rojkittikhun, T., 24 (1991) 355

Rojkittikhun, T., Rojanasthien, S., Edqvist, L.-E. and Einarsson, S., Plasma prolactin during pulsatile administration of GnRH and oestrus in lactating sows, 24 (1991) 355

Romagnoli, G., see Prandi, A., 13 (1987) 291

Rombauts, P., see Torres, S., 6 (1983) 25

Ron, M., see Amir, D., 10 (1986) 75

Ron, M., see Amir, D., 10 (1986) 245

Ron, M., see Ezov, N., 22 (1990) 281

Ron, M., see Schindler, D., 23 (1990) 283

Ronayne, E., Jordan, B., Quirke, J.F. and Roche, J.F., The effect of frequency of administration of melatonin on the time of onset of the breeding season anoestrous ewes, 18 (1989) 13

Ronayne, E., Fitzsimons, J., Hanrahan, J.P., Quirke, J.F. and Roche, J.F., Effects of active immunisation of female lambs against androstenedione on LH secretion, onset of puberty and ovulation rate, 24 (1991) 283

Rosado, A., see Rosales, A.M., 23 (1990) 213

Rosales, A.M., Hernandez-Perez, O., Dominguez, R., Mercado, E. and Rosado, A., Proteolytic and antiproteolytic activities in goat antral follicles, 23 (1990) 213

Rościszewska, Z.E., Evaluation of sexual behaviour in rams in relation to their reproductive capacity, 7 (1984) 517

Rościszewska, Z.E., The influence of earlier mating experience of ewes on their subsequent mating behaviour and reproductive performance, 9 (1985) 223

Rosenberg, M., see Gur-Arie, E., 12 (1986) 85

Rosenberg, M., see Schindler, D., 23 (1990) 283

Rosenberg, M., Chun, S.Y., Kaim, M., Herz, Z. and Folman, Y., The effect of GnRH administered to dairy cows during oestrus on plasma LH and conception in relation to the time of treatment and insemination, 24 (1991) 13

Rosskopf, E.M., see Raeside, J.I., 3 (1980) 101

Rottmann, O.J. and Arnold, S., Enhancing the mitotic index of blastomeres by thymidine synchronization, 6 (1983/1984) 239

Ruckebusch, Y., see Garcia-Villar, R., 7 (1984) 421

Ruknudin, A., Dadoune, J.P. and Silver, I.A., Intracellular calcium in hamster spermatozoa in testis, epididymis and during the acrosome reaction, 16 (1988) 145

Russcher, J.A., see Bevers, M.M., 18 (1989) 87

Rüsse, M.W., Physiopathology of parturition, 2 (1979) 149

Russek-Cohen, E., see Larson, G.H., 25 (1991) 31

Russek, E., see Gross, T.S., 8 (1985) 193

Russell-Brown, I.D., see Sawyer, G.J., 10 (1986) 1

Ruszczyk, T, see Krzymowski, T., 5 (1982) 25

Ruszczyk, T., see Kotwica, J., 5 (1982/1983) 303

Ryan, P.L., King, G.J. and Raeside, J.I., Direct effect of cortisol on steroid production by granulosa cells from PMSG-induced follicles of prepubertal gilts, 23 (1990) 75

Rydhmer, L., see Eliasson, L., 25 (1991) 143

Rzasa, J., see Gregoraszczuk, E., 17 (1988) 141

S

Sadowski, B., see Przekop, F., 7 (1984) 333

Saga, N., see Nakao, T., 7 (1984) 489

Salamon, S., Maxwell, W.M.C. and Firth, J.H., Fertility of ram semen after storage at 5°C, 2 (1979) 373

Sales, D., see Ashworth, C.J., 21 (1989) 213

Salhab, S.A. and Merilan, C.P., Some effects of collection equipment, glycerolation, and post-thaw re-equilibration times on the motility and survival of bovine spermatozoa, 24 (1991) 53

Sanford, L.M., see Peirce, A.R.J., 13 (1987) 165

Santacreu, M.A., see Garcia-Ximenez, F., 24 (1991) 343

Sargent, G.F., see Wiseman, B.S., 5 (1982/1983) 157

Sarmah, B.C., see Rao, V.H., 16 (1988) 261

Saror, D.I., see Sekoni, V.O., 17 (1988) 61

Saror, D.I., see Sekoni, V.O., 24 (1991) 249

Sartor, P., Dupont, M.A., Duluc, A.J. and Mayer, G., The action of high doses of oestradiol on implantation and decidual reaction in the rat, 1 (1978) 93

Sasaki, C., see Fukui, Y., 18 (1989) 139

Satinder, K.P., Biological sexual maturation in rats: interaction among genetic line, sex, age, and body weight, 6 (1983/1984) 311

Saumande, J., see Tamboura, D., 8 (1985) 327

Saunders, R.W., see Lancaster, R.T., 11 (1986) 151

Sawamukai, Y., see Nakao, T., 7 (1984) 489

Sawyer, G.J. and Fulkerson, W.J., The effectiveness of steers and heifers treated with oestrogen or testosterone to detect oestrus in cattle, 3 (1980/1981) 259

Sawyer, G.J., Russell-Brown, I.D. and Silcock, J.K., A comparison of three methods of oestrus detection in commercial dairy herds verified by serum progesterone analysis, 10 (1986) 1

Scaramuzzi, R.J., see Robinson, T.J., 13 (1987) 23

Schäfer, B., see Herrmann, H.H., 4 (1981) 137

Schams, D. and Prokopp, S., Oxytocin determination by RIA in cows around parturition, 2 (1979) 267

Schams, D., see Kotwica, G., 22 (1990) 109

Schanbacher, B.D., Orgeur, P., Pelletier, J. and Signoret, J.P., Behavioural and hormonal responses of sexually-experienced Ile-de-France rams to oestrous females, 14 (1987) 293

Schanbacher, B.D., see D'Occhio, M.J., 16 (1988) 249

Scheffen, B., see Massip, A., 19 (1989) 117

Scheffrahn, N.S., see Wiseman, B.S., 5 (1982/1983) 157

Schellander, K., Brackett, B.G., Keefer, C.L. and Fayrer-Hosken, R.A., Testing capacitation of bull sperm with zona-free hamster ova, 18 (1989) 95

Schels, H.F. and Mostafawi, Dj., Ultrasonic pregnancy diagnosis in the camel, 1 (1978) 19

Schiersmann, G., see Alberio, R.H., 14 (1987) 263

Schilling, E. and Vengust, M., Frequency of semen collection in boars and quality of ejaculates as evaluated by the osmotic resistance of acrosomal membranes, 12 (1987) 283

Schindler, D., see Ezov, N., 22 (1990) 281

Schindler, D., Lewis, G.S., Rosenberg, M., Tadmor, A., Ezov, N., Ron, M., Aizinbud, E. and Lehrer, A.R., Vulvar electrical impedance in periparturient cows and its relation to plasma progesterone, oestradiol-17β and PGFM, 23 (1990) 283

Schindler, H., see Fischel, R.E., 1 (1978) 155

Schindler, H., see Lehrer, A.R., 1 (1978/1979) 297

Schindler, H., see Amir, D., 5 (1982) 93

Schindler, H., see Eger, S., 16 (1988) 215

Schirar, A., Meusnier, C., Paly, J., Levasseur, M.C. and Martinet, J., Resumption of ovarian activity in post-partum ewes: role of the uterus, 19 (1989) 79

Schirar, A. and Levasseur, M.C., Resumption of ovarian activity in post-partum ewes: carry-over effect of the corpus luteum of pregnancy, 19 (1989) 91

Schlieper, B. and Holtz, W., Transfer of pig embryos collected by laparotomy or slaughter, 12 (1986) 109

Schmidt-Baulain, R., see Tuli, R.K., 25 (1991) 125

Schmitz, U., see Elsaesser, F., 25 (1991) 155

Schofield, S.A., Phillips, C.J.C. and Owens, A.R., Variation in the milk production, activity rate and electrical impedance of cervical mucus over the oestrous period of dairy cows, 24 (1991) 231

Schramm, W., see McCracken, J.A., 7 (1984) 31

Schultz, R.H., Copeland, D.D. and Wollen, T.S., Susceptibility of the bovine corpus luteum to exogenous prostaglandins during pregnancy—practical considerations, 7 (1984) 235

Schwabe, C., see Musah, A.I., 16 (1988) 237

Schwabe, C., see Juang, H.H., 20 (1989) 21

Schwabe, C., see Juang, H.H., 22 (1990) 47

Schwartz, N.B., see Suter, D.E., 11 (1986) 43

Schwarz, R., see Boos, A., 15 (1987) 145

Scott, I.C., see Montgomery, G.W., 17 (1988) 197

Scott, V., see Bolt, D.J., 23 (1990) 263

Seamark, R.F., see Armstrong, D.T., 5 (1982) 15

Seamark, R.F., see Kennaway, D.J., 5 (1982/1983) 287

Seamark, R.F., see Stone, B.A., 7 (1984) 391

Seamark, R.F., see Stone, B.A., 7 (1984) 405

Seamark, R.F., see Stone, B.A., 11 (1986) 51

Seamark, R.F., see Stone, B.A., 11 (1986) 273

Seamark, R.F., see Stone, B.A., 15 (1987) 227

Seamark, R.F., see Hein, W.R., 21 (1989) 223

Seck, M., see Hochereau-De Reviers, M.-T., 23 (1990) 21

Sekoni, V.O., see Rekwot, P.I., 14 (1987) 187

Sekoni, V.O., Kumi-Diaka, J., Saror, D.I., Njoku, C.O. and Olorunju, S.A.S., Seasonal and monthly variations in the incidence of morphological abnormalities

in bovine spermatozoa in Shika, Zaria, Northern Nigeria, 17 (1988) 61

Sekoni, V.O., Saror, D.I., Njoku, C.O. and Kumi-Diaka, J., Effect of novidium (homidium chloride) chemotherapy on elevated spermatozoa morphological abnormalities in the semen of Zebu bulls infected with *Trypanosoma vivax* and *Trypanosoma congolense*, 24 (1991) 249

Sempéré, A.J., Renaud, G. and Bariteau, F., Embryonic development measured by ultrasonography and plasma progesterone concentrations in roe deer (*Capreolus capreolus* L.), 20 (1989) 155

Sengupta, B.P., see Georgie, G.C., 9 (1985) 95

Settergren, I., see Kunavongkrit, A., 5 (1982) 47

Settergren, I., see Thilander, G., 8 (1985) 151

Sevellec, C., see Techakumphu, M., 12 (1987) 297

Sevellec, C., see Techakumphu, M., 13 (1987) 221

Shahab, M., see Ahmad, N., 19 (1989) 161

Shannon, P. and Curson, B., The effect of ions and caffeine on the maintenance of motility of bovine spermatozoa diluted in egg yolk buffers, 15 (1987) 161

Sharaby, M.A., see Abdel Rahim, S.E.A., 20 (1989) 67

Sharifuddin, W. and Jainudeen, M.R., The accuracy of rectal diagnosis of corpora lutea in water buffalo (*Bubalus bubalis*), 6 (1983/1984) 185

Sharma, A.K. and Gupta, R.C., Duration of seminiferous epithelial cycle in buffalo bulls (*bubalus bubalis*), 3 (1980) 217

Sharma, A.N., see Dixit, V.P., 3 (1980) 83

Sharma, R.D., see Nanda, A.S., 7 (1984) 447

Sharma, R.D., see Chauhan, F.S., 8 (1985) 137

Sharma, R.D., see Nanda, A.S., 9 (1985) 383

Sharma, R.D., see Singh, G., 16 (1988) 71

Sharp, D.C., Zavy, M.T., Vernon, M.W., Bazer, F.W., Thatcher, W.W. and Berglund, L.A., The role of prostaglandins in the maternal recognition of pregnancy in mares, 7 (1984) 269

Sharpe, P.H., McKibbin, P.E., Murphy, B.D. and Manns, J.G., First postpartum ovulations and corpora lutea in ewes which lamb in the breeding season, 10 (1986) 61

Sharpe, P.H., see Gifford, D.R., 19 (1989) 209

Shehata, S.H.M., see Williams, W.F., 11 (1986) 237

Sheldrick, E.L. and Flint, A.P.F., Ovarian oxytocin and luteal function in the early pregnant sheep, 7 (1984) 101

Shelford, J.A., see Rajamahendran, R., 24 (1991) 211

Shelton, J.N., see Summers, P.M., 6 (1983) 79

Shelton, J.N., see Summers, P.M., 6 (1983) 91

Shelton, J.N., see Hein, W.R., 21 (1989) 223

Shemesh, M., Hansel, W., Strauss, J., Rafaeli, A., Lavi, S. and Mileguir, F., Control of prostanoid synthesis in bovine trophoblast and placentome, 7 (1984) 177

Shemesh, M., see Eger, S., 16 (1988) 215

Shepstone, S.L., see Murphy, B.D., 3 (1980) 225

Sherwood, O.D., see Kendall, J.Z., 16 (1988) 107

Shettigara, P.T., Murphy, B.D., Humphrey, W.D., Fraser, A.F. and Mapletoft, R.J., Effects of active immunization against gonadotropin releasing hormone on serum luteinizing hormone, progesterone levels and estrous cycles in the guinea pig, 4 (1981) 73

Shiach, P., see Adam, C.L., 18 (1989) 77

Shimizu, H., see Kanai, Y., 11 (1986) 17

Shimoda, K., see Fukui, Y., 11 (1986) 25

Shirakawa, J., see Nakao, T., 7 (1984) 489

Shrestha, J.N.B. and Heaney, D.P., Genetic basis of variation in reproductive performance, I. Ewe lambs treated with fluorogestone acetate and PMSG in a controlled environment, 14 (1987) 281

Shrestha, J.N.B., see Langford, G.A., 19 (1989) 19

Shrestha, J.N.B. and Heaney, D.P., Genetic basis of variation in reproductive performance (2) Genetic correlation between gestation length and prolificacy in sheep, 23 (1990) 305

Shrestha, J.N.B., see Langford, G.A., 24 (1991) 85

Shrestha, J.N.B., see Fiser, P.S., 24 (1991) 293

Sidhu, K.S., Sundhey, R. and Guraya, S.S., In vitro incorporation of (I-^{14}C) acetate and U-^{14}C) glucose into the lipids of buffalo bull spermatozoa, 21 (1989) 191

Sidhu, K.S., Boar sperm aminopeptidase: purification and partial characterization, 22 (1990) 55

Signoret, J.P., see Cohen-Tannoudji, J., 13 (1987) 263

Signoret, J.P., see Schanbacher, B.D., 14 (1987) 293

Signoret, J.P., see Gonzalez, R., 21 (1989) 249

Signoret, J.P., Martinat-Botté, F., Bariteau, F., Forgerit, Y., Macar, C., Moreau, A. and Terqui, M., Control of oestrus in gilts, I. Management-induced puberty, 22 (1990) 221

Signoret, J.P., see Martinat-Botté, F., 22 (1990) 227

Silcock, J.K., see Sawyer, G.J., 10 (1986) 1

Silver, I.A., see Ruknudin, A., 16 (1988) 145

Silver, M., Barnes, R.J., Comline, R.S., Powden, A.L., Clover, L. and Mitchell, M.D., Prostaglandins in the foetal pig and prepartum endocrine changes in mother and foetus, 2 (1979) 305

Silvia, W.J., Fitz, T.A., Mayan, M.H. and Niswender, G.D., Cellular and molecular mechanisms involved in luteolysis and maternal recognition of pregnancy in the ewe, 7 (1984) 57

Silvia, W.J., see Ottobre, J.S., 7 (1984) 75

Simpson, A.M., Suttie, J.M. and Kay, R.N.B., The influence of artificial photoperiod on the growth, appetite and reproductive status of male red deer and sheep, 6 (1983/1984) 291

Simpson, A.M. and White, I.G., Effect of cold shock and cooling rate on calcium uptake of ram spermatozoa, 12 (1986) 131

Simpson, A.M. and White, I.G., Interrelationship between motility, c-AMP, respiration and calcium uptake of ram and boar sperm, 15 (1987) 189

Simpson-Morgan, M.W., see Hein, W.R., 21 (1989) 223

Singh, G., Singh, G.B., Sharma, R.D. and Nanda, A.S., Ovarian and uterine responses in relation to norgestomet–PMSG treatment in the true anoestrous buffalo, 16 (1988) 71

Singh, G.B., see Chauhan, F.S., 8 (1985) 137

Singh, G.B., see Singh, G., 16 (1988) 71

Singh, M., see Khokhar, B.S., 13 (1097) 177

Singh, N.B., see Mohan, J., 23 (1990) 349

Sirard, M.A., Lambert, R.D., Béland, R. and Bernard, C., The effects of repeated laparoscopic surgery used for ovarian examination and follicular aspiration in cows, 9 (1985) 25

Sirard, M.A., Lambert, R.D. and Guay, P., In vitro development of in vitro fertilized bovine follicular oocytes obtained by laparoscopy, 12 (1986) 21

Skarżyński, D., see Kotwica, J., 25 (1991) 1

Skidmore, J.L., see Cox, J.E., 25 (1991) 51

Skubiszewski, B., Przekop, F., Wolínska, E., Stupnicka, E., Wróblewska, B. and Domański, E., Effect of prolonged administration of small doses of LH-RH and LH-RH analogue [D-Ser (But)^6] Des Gly-NH_2^{10} ethylamide on the release of LH and induction of ovulation in mid-anoestrous ewes, 4 (1981/1982) 269

Sławeta, R. and Laskowska, T., The effect of glutathione on the motility and fertility of frozen bull sperm, 13 (1987) 249

Sławeta, R., Laskowska, T. and Szymańska, E., Seasonal changes in total and selenium-dependent glutathione peroxidase activity in bovine semen in relation to lipid peroxide, 17 (1988) 303

Smidt, D., see Ellendorff, F., 2 (1979) 323

Smith, C.A., see Robinson, T.J., 13 (1987) 23

Smith, J.A., see Rodway, R.G., 8 (1985) 241

Smith, J.F. and Kelly, R.W., Cervical mucus and oestrous behaviour responses to oestrogens in sheep: progesterone–oestrogen relationships and role of progesterone pre-treatment, 3 (1980) 137

Smith, J.F., see Macmillan, K.L., 3 (1980) 171

Smith, M.F., see Heimann, E.D., 7 (1984) 315

Smith, M.F., see Moser, M.T., 18 (1989) 227

Smith, W.C., see Kirkwood, R.N., 9 (1985) 163

Smokovitis, A., Kokolis, N. and Alexaki-Tzivanidou, E., The plasminogen activator activity is markedly increased mainly at the area of the rupture of the follicular wall at the time of ovulation, 16 (1988) 285

Smorąg, Z., Kątska, C.L. and Wierzchoś, E., Some factors affecting the viability of mouse and cattle embryos frozen to −40°C before transfer to liquid nitrogen, 4 (1981) 65

Smorąg, Z., see Kątska, L., 7 (1984) 451

Smorąg, Z., see Kątska, L., 9 (1985) 205

Soede, N.M., Hazeleger, W. and Van der Lende, T., Effect of insemination conditions on reproductive performance during early pregnancy of gilts kept under different social conditions, 23 (1990) 335

Solari, A., see Al-Gubory, K.H., 15 (1987) 113

Soliman, K.F.A. and Huston, T.M., Inhibitory effect of serotonin on ovulation in the domestic fowl, *Gallus domesticus*, 1 (1978) 69

Solti, L., see Haraszti, J., 9 (1985) 125

Soma Sekharam, G., see Rao, A.V.N., 12 (1986) 123

Southee, J.A., see Hunter, M.G., 14 (1987) 273

Spanel-Borowski, K., Fibrinolytic activity in ovaries of rats and golden hamsters after gonadotrophic stimulation and hypophysectomy, 14 (1987) 301

Spicer, L.J., Tucker, K.E., Henderson, K.A. and Duby, R.T., Concentrations of insulin-like growth factor-I in follicular fluid and blood plasma of mares during early and late oestrus, 25 (1991) 57

Spitzer, J.C., see Dimmick, M.A., 24 (1991) 173

Sponenberg, P.S., see Holt, L.C., 21 (1989) 11

Sreemannarayana, O., see Rao, A.V.N., 8 (1985) 129

Srivastava, R.K., see Gupta, R.S., 8 (1985) 143

Srivastava, R.S., see Mathur, A.K., 19 (1989) 293

Sršeň, V., see Matoušek, J., 18 (1989) 161

Stabenfeldt, G.H., see Zarco, L., 7 (1984) 245

Stabenfeldt, G.H., see Quirke, J.F., 16 (1988) 39

Stahly, T.S., see Berghorn, K.A., 19 (1989) 273

Stålhammar, E.-M., Janson, L. and Philipsson, J., Genetic studies on fertility in A.I. bulls, I. Age, season and genetic effects on semen characteristics in young bulls, 19 (1989) 1

Staněk, R., see Matoušek, J., 1 (1978/1979) 193

Stankov, B. and Kanchev, L., Plasma concentrations of testosterone, androstenedione, progesterone, oestradiol-17β, LH and FSH during the preovulatory period in the ewe, 7 (1984) 521

Stankov, B.M., see Kanchev, L.N., 17 (1988) 1

Starr, B.G., see Tyrrell, R.N., 3 (1980) 155

Stefańczyk-Krzymowska, S., see Krzymowski, T., 11 (1986) 259

Stefańczyk-Krzymowska, S., see Krzymowski, T., 13 (1987) 199

Stefańczyk-Krzymowska, S., Krzymowski, T., Einer-Jensen, N., Kamiński, T. and Kotwica, J., Local transfer of prostaglandin $F_{2\alpha}$ from the uterine lumen into the venous and arterial blood and into the uterine, mesometrial and ovarian tissue on Day 18 of pregnancy in the pig, 23 (1990) 223

Stefańczyk, S., see Krzymowski, T., 4 (1981/1982) 199

Stefańczyk, S., see Krzymowski, T., 5 (1982) 25

Stefańczyk, S., see Kotwica, J., 5 (1982/1983) 303

Steffan, J., Poissonnet, P. and Thibier, M., Control of oestrus in ewe lambs and yearling ewes with medroxyprogesterone acetate and fluorogestone acetate, 5 (1982/1983) 191

Stoklosowa, S., see Gregoraszczuk, E., 17 (1988) 141

Stone, B.A., Heat induced infertility of boars: the inter-relationship between depressed sperm output and fertility and an estimation of the critical air temperature above which sperm output is impaired, 4 (1981/1982) 283

Stone, B.A. and Seamark, R.F., Effects of acute and chronic testicular hyperthermia on levels of testosterone and corticosteroids in plasma of boars, 7 (1984) 391

Stone, B.A., Quinn, P. and Seamark, R.F., Energy and protein sources for development of pig embryos cultured beyond hatching in vitro, 7 (1984) 405

Stone, B.A., Seamark, R.F., Godfrey, B.M., Quinn, P. and Lloyd, B., Oestrone sulphate levels in plasma of sows as a basis for prediction of litter size at term, 11 (1986) 51

Stone, B.A., Johnson, D.W. and Seamark, R.F., Use of deuterium-labelled tracers to establish endogenous rates of production and clearance of progesterone during the peri-implantation period in gilts, 11 (1986) 273

Stone, B.A., Heap, P.A. and Collins, C., Luteal characteristics and embryonic survival in gilts treated with human chorionic gonadotrophin during early pregnancy, 15 (1987) 217

Stone, B.A., Petrucco, O.M., Seamark, R.F. and MacLennan, A.H., Concentrations of steroid hormones, and of relaxin, in utero-ovarian venous plasma of periparturient sows, 15 (1987) 227

Stone, G.M., Tassell, R. and Miller, B.G., Nuclear and cytosol steroid hormone receptor levels in the myometrium during pregnancy in the sheep, 6 (1983/1984) 277

Stone, S.C., see Peppler, R.D., 4 (1981) 49

Strauss, J., see Shemesh, M., 7 (1984) 177

Strzeżek, J., see Glogowski, J., 3 (1980/1981) 307

Strzeżek, J., Krzywiński, A. and Świdowicz, K., Seasonal changes in the chemical

composition of red deer (*Cervus elaphus*) semen, 9 (1985) 195

Strzeżek, J. and Hopfer, E., Zinc ion-dependent protein in boar semen, I. Egg yolk precipitating activity and some biochemical properties, 13 (1987) 117

Strzeżek, J., Hopfer, E. and Zaborniak, A., Zinc ion-dependent protein in boar semen, II. Effects on sperm motility and antibacterial properties, 13 (1987) 133

Strzeżek, J., see Ciereszko, A., 23 (1990) 237

Stuart, L.D., see Chakraborty, P.K., 20 (1989) 91

Stuart, L.D., see Dutta, C., 22 (1990) 99

Stuart, M.J., see Bennett, W.A., 19 (1989) 179

Stuart, M.J., see Bennett, W.A., 25 (1991) 97

Stubbings, R.B., Liptrap, R.M. and Basrur, P.K., The assessment of follicular parameters for the selection of oocytes recovered from superovulated heifers, 23 (1990) 181

Stupnicka, E., see Skubiszewski, B., 4 (1981/1982) 269

Stupnicki, R., see Madej, A., 3 (1980) 17

Stupnicki, R. and Kula, E., Direct radioimmunoassay of progesterone in milk using a radioiodinated progesterone derivative, 3 (1980) 113

Sugden, E.A., see Betteridge, K.J., 4 (1981/1982) 207

Sugden, E.A., see Betteridge, K.J., 7 (1984) 195

Suleiman, I.O., see Abdel Rahim, S.E.A., 20 (1989) 67

Sumar, J., see Bravo, P.W., 21 (1989) 271

Sumar, J., see Adams, G.P., 24 (1991) 127

Summers, P.M., Shelton, J.N. and Edwards, J., The production of mixed-species *Bos taurus–Bos indicus* twin calves, 6 (1983) 79

Summers, P.M., Shelton, J.N. and Bell, K., Synthesis of primary *Bos taurus–Bos indicus* chimaeric calves, 6 (1983) 91

Sundhey, R., see Sidhu, K.S., 21 (1989) 191

Sundqvist, C., Toppari, J., Parvinen, M., Fagerström, R. and Lukola, A., Elimination of infertile male mink from breeding using sperm test, testicular palpation, testosterone test and fine-needle aspiration biopsy of the testis, 11 (1986) 295

Sundqvist, C., see Bertoft, E., 12 (1987) 291

Sutama, I.K., Edey, T.N. and Fletcher, I.C., Peri-pubertal ovulatory events and progesterone profiles of Javanese thin-tail sheep, 16 (1988) 53

Sutama, I.K., Edey, T.N. and Fletcher, I.C., Oestrous cycle dynamics in peri-pubertal and mature Javanese thin-tail sheep, 16 (1988) 61

Suter, D.E., Bahr, J.M., Dziuk, P.J. and Schwartz, N.B., Effect of stage of the porcine estrous cycle and method of collection on folliculostatin in porcine follicular fluid, 11 (1986) 43

Sutherland, S.R.D., see Martin, G.B., 12 (1987) 267

Suttie, J.M., see Simpson, A.M., 6 (1983/1984) 291

Suttie, J.M. and Kay, R.N.B., Influence of plane of winter nutrition on plasma concentrations of prolactin and testosterone and their association with voluntary food intake in red deed stags (*Cervus elaphus*), 8 (1985) 247

Suttie, J.M., see Jopson, N.B., 23 (1990) 61

Suttiyotin, P. and Thwaites, C.J., The ability of trypan blue to differentiate live and dead ram spermatozoa, 25 (1991) 209

Suzuki, S., see Ishibashi, I., 22 (1990) 339

Svenstrup, B., see Dantzer, V., 11 (1986) 139

Swaab, D.F., see Boer, K., 2 (1979) 63

Świdowicz, K., see Strzeżek, J., 9 (1985) 195

Swift, A.D., see Rodway, R.G., 8 (1985) 241

Swift, A.D., see Rodway, R.G., 9 (1985) 153

Szymańska, E., see Sławeta, R., 17 (1988) 303

Szymańska, E., see Laskowska-Klita, T., 20 (1989) 83

T

Taa, A.A.M., see Homeida, A.M., 25 (1991) 67

Tadmor, A., see Fischel, R.E., 1 (1978) 155

Tadmor, A., see Amir, D., 6 (1983) 35

Tadmor, A., see Schindler, D., 23 (1990) 283

Taha, M.B., see Majeed, A.F., 18 (1989) 199

Taha, N.A., see Eltohamy, M.M., 22 (1990) 203

Tahir, M.N., see Heuer, C., 13 (1987) 15

Takahashi, Y., see Abas Mazni, O., 22 (1990) 161

Takkar, O.P., see Nanda, A.S., 7 (1984) 447

Tamanini, C., Bono, G., Cairoli, F. and Chiesa, F., Endocrine responses induced in anestrous goats by the administration of different hormones after a fluorogestone acetate treatment, 9 (1985) 357

Tamanini, C., Chiesa, F., Prandi, A. and Galeati, G., Estrone and estrone conjugate plasma levels throughout pregnancy in the goat: their determination as a pregnancy diagnosis test, 11 (1986) 35

Tamanini, C., Prandi, A., Biacchessi, D. and De Rensis, F., Effects of melatonin treatment on the onset of ovarian activity, reproductive parameters and PRL plasma levels of immature ewes, 13 (1987) 283

Tamanini, C., see Prandi, A., 13 (1987) 291

Tamanini, C., see Prandi, A., 17 (1988) 85

Tamboura, D., Chupin, D. and Saumande, J., Superovulation in cows: a relationship between progesterone secretion before ovulation and the quality of embryos, 8 (1985) 327

Tamiya, E., see Ashizawa, K., 9 (1985) 181

Tan, G.J.S. and Biggs, J.S.G., Progesterone production by dispersed luteal cells of non-pregnant cows: effects of oxytocin and oestradiol, 7 (1984) 441

Tan, H.S. and Raeside, J.I., Developmental patterns of plasma dehydroepiandrosterone sulfate and testosterone in male pigs, 3 (1980) 73

Tan, H.S., see Jainudeen, M.R., 5 (1982/1983) 181

Tarnawska, M., see Gregoraszczuk, E., 17 (1988) 141

Tassell, R., see Stone, G.M., 6 (1983/1984) 277

Taufa, V.K., see Macmillan, K.L., 8 (1985) 203

Taufa, V.K., see Macmillan, K.L., 8 (1985) 213

Taufa, V.K., see Macmillan, K.L., 11 (1986) 1

Tauson, A.-H., Flushing of mink. Effects of level of preceding feed restriction and length of flushing period on reproductive performance, 17 (1988) 243

Taverne, M., Willemse, A.H., Dieleman, S.J. and Bevers, M., Plasma prolactin, progesterone and oestradiol-17β concentrations around parturition in the pig, 1 (1978/1979) 257

Taverne, M., see Ellendorff, F., 2 (1979) 323

Taverne, M.A.M., Naaktgeboren, C. and van der Weyden, G.C., Myometrial activity and expulsion of fetuses, 2 (1979) 117

Taverne, M.A.M., see Randall, G.C.B., 11 (1986) 283

Taverne, M.A.M., Bevers, M.M., Van der Weyden, G.C., Dieleman, S.J. and Fontijne, P., Concentration of growth hormone, prolactin and cortisol in fetal and maternal blood and amniotic fluid during

late pregnancy and parturition in cows with cannulated fetuses, 17 (1988) 51

Taverne, M.A.M., see Randall, G.C.B., 23 (1990) 109

Taylor, C., see Rajamahendran, R., 22 (1990) 171

Taylor, T.B., see Hamer, J.M., 9 (1985) 317

Techakumphu, M., Wintenberger-Torres, S. and Sevellec, C., Survival of rabbit embryos after synchronous or asynchronous transfer, 12 (1987) 297

Techakumphu, M. and Heyman, Y., Survival of frozen-thawed rabbit morulae after synchronous or asynchronous transfer, 12 (1987) 305

Techakumphu, M., Wintenberger-Torrès, S., Sevellec, C. and Ménézo, Y., Survival of rabbit embryos after culture or culture/freezing, 13 (1987) 221

Tegegne, A., see Mukasa-Mugerwa, E., 24 (1991) 63

Tegegne, A., see Mukasa-Mugerwa, E., 24 (1991) 73

Tekeleye, B., see Mukasa-Mugerwa, E., 17 (1988) 95

Teklu, Y., see Mukasa-Mugerwa, E., 24 (1991) 63

Terawaki, Y., see Ono, H., 5 (1982) 1

Terqui, M., see Torres, S., 6 (1983) 25

Terqui, M., see Bonneau, M., 15 (1987) 241

Terqui, M., see Signoret, J.P., 22 (1990) 221

Terqui, M., see Martinat-Botté, F., 22 (1990) 227

Tervit, H.R., see Knight, T.W., 6 (1983) 129

Tetsuka, M., see Fukui, Y., 11 (1986) 25

Tewary, P.D., Prasad, B.N. and Kumar, V., Circadian basis of photoperiodically induced testicular growth in redheaded bunting, *Emberiza bruniceps*, 4 (1981/1982) 245

Tewary, P.D. and Kumar, V., Evidence for a circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 5 (1982) 65

Tewary, P.D., see Kumar, V., 5 (1982/1983) 223

Tewary, P.D., see Kumar, V., 9 (1985) 375

Tewary, P.D. and Tripathi, P.M., Response to ultra-short photoperiods by the subtropical yellow-throated sparrow, *Gymnorhis xanthocollis*, 10 (1986) 237

Thamotharam, M., see Rajamahendran, R., 3 (1980) 107

Thamotharam, M., see Rajamahendran, R., 6 (1983) 111

Thatcher, W.W., see Bazer, F.W., 7 (1984) 115

Thatcher, W.W., Wolfenson, D., Curl, J.S., Rico, L.E., Knickerbocker, J.J., Bazer, F.W. and Drost, M., Prostaglandin dynamics associated with development of the bovine conceptus, 7 (1984) 149

Thatcher, W.W., see Sharp, D.C., 7 (1984) 269

Thatcher, W.W., see Wolfenson, D., 14 (1987) 103

Thatcher, W.W., see Putney, D.J., 19 (1989) 37

Thatcher, W.W., see Putney, D.J., 20 (1989) 31

Theodoran, C.G., see Dukelow, W.R., 4 (1981) 55

Thibier, M., see Chantaraprateep, P., 4 (1981) 1

Thibier, M., see Steffan, J., 5 (1982/1983) 191

Thibier, M., see Abdel Malak, G., 9 (1985) 111

Thibier, M., see Chaffaux, S., 10 (1986) 193

Thilander, G., Settergren, I. and Plöen, L., Abnormalities of testicular origin in the

neck region of bull spermatozoa, 8 (1985) 151

Thimonier, J., see Holland, E.J., 4 (1981) 127

Thimonier, J., see Chemineau, P., 10 (1986) 125

Thomford, P.J., see Wiseman, B.S., 5 (1982/1983) 157

Thompson, F.N., Abrams, E. and Miller, D.M., Reproductive traits in Nubian dairy goats, 6 (1983) 59

Thompson, J.G.E. and Cummins, J.M., The effects of washing and protein supplementation on the acrosome reaction of ram spermatozoa in vitro, 9 (1985) 75

Thompson, J.G.E. and Cummins, J.M., Some effects of chondroitin sulphate on the in-vitro acrosome reaction in ram spermatozoa, 12 (1986) 151

Thompson, J.G.E. and Wales, R.G., Observations on the loss of the cellular vestment surrounding superovulated sheep oocytes, 15 (1987) 169

Thompson, J.G.E., see Asher, G.W., 19 (1989) 143

Thompson, L.H., see Arkins, S., 16 (1988) 277

Thorburn, G.D., Physiology and control of parturition: reflections on the past and ideas for the future, 2 (1979) 1

Thun, R., Eggenberger, E. and Zerobin, K., Twenty-four-hour secretory patterns of cortisol, progesterone and estradiol in heifers during the follicular and luteal phases of the ovarian cycle, 9 (1985) 341

Thurmon, J.C., see Kendall, J.Z., 16 (1988) 107

Thwaites, C.J. and Hannan, G.D., The effects of frequency of ejaculation and undernutrition on the size and tone of the ram's testes, 19 (1989) 29

Thwaites, C.J., see Suttiyotin, P., 25 (1991) 209

Tilbrook, A.J., see Cameron, A.W.N., 12 (1986) 189

Tilbrook, A.J., see Cameron, A.W.N., 13 (1987) 91

Tilton, J., see Okrasa, S., 22 (1990) 39

Tilton, J.E., see Ziecik, A., 5 (1982/1983) 213

Tilton, J.E., see Dura, M., 14 (1987) 147

Tilton, J.E., see Dusza, L., 17 (1988) 115

Tilton, J.E., see Ciereszko, R., 21 (1989) 53

Tingari, M.D., El-Manna, M.M., Rahim, A.T.A., Ahmed, A.K. and Hamad, M.H., Studies on camel semen, I. Electroejaculation and some aspects of semen characteristics, 12 (1986) 213

Tingari, M.D., see El-Manna, M.M., 12 (1986) 223

Tischner, M., Tomica, E. and Jezierski, J., Age and seasonal effects on sexual behaviour of stallions at rest, 12 (1986) 233

Tomica, E., see Tischner, M., 12 (1986) 233

Toppari, J., see Sundqvist, C., 11 (1986) 295

Topps, J.H., see Aboul-Ela, M.B., 5 (1982/1983) 259

Topps, J.H., see Aboul-Ela, M.B., 5 (1982/1983) 323

Torner, H., see Pavlok, A., 16 (1988) 207

Torres, C.A.A., see Putney, D.J., 20 (1989) 31

Torres, C.N., Godinho, H.P. and Machado, A.B.M., Seasonal variation in spermatogenesis in the nine-banded armadillo (*Dasypus novemcinctus*) from southeastern Brazil, 6 (1983) 135

Torres, S., Rebours, C., Rombauts, P., André, D., Bertin, J. and Terqui, M., Conditions of embryonic development in the ewe after modification of the hormone balance of the dam, 6 (1983) 25

Tourigny, M., see Lambert, R.D., 1 (1978) 43

Toutain, P.L., see Garcia-Villar, R., 7 (1984) 421

Townson, D.H. and Ginther, O.J., Duration and pattern of follicular evacuation during ovulation in the mare, 15 (1987) 131

Townson, D.H. and Ginther, O.J., The development of fluid-filled luteal glands in mares, 17 (1988) 155

Townson, D.H. and Ginther, O.J., Ultrasonic characterization of follicular evacuation during ovulation and fate of the discharged follicular fluid in mares, 20 (1989) 131

Townson, D.H. and Ginther, O.J., Ultrasonic echogenicity of developing corpora lutea in pony mares, 20 (1989) 143

Townson, D.H. and Ginther, O.J., Size and shape changes in the preovulatory follicle in mares based on digital analysis of ultrasonic images, 21 (1989) 63

Tripathi, P.M., see Tewary, P.D., 10 (1986) 237

Trojan, S., see Bartoš, L., 17 (1988) 271

Trotter, R.W., see Hinch, G.N., 12 (1986) 47

Trujano, M., Morphological scoring system for porcine (12 to 19 days old) embryonic development in vitro, 20 (1989) 299

Tsang, B.K., see Randall, G.C.B., 11 (1986) 283

Tsang, B.K., see Randall, G.C.B., 23 (1990) 109

Tsubaki, M., see Fukui, Y., 11 (1986) 25

Tsunoda, N., see Nakao, T., 7 (1984) 489

Tsurubayashi, M., see Nakao, T., 7 (1984) 489

Tucker, K.E., see Spicer, L.J., 25 (1991) 57

Tuli, R.K., Schmidt-Baulain, R. and Holtz, W., Infuence of thawing temperature on viability and release of glutamic oxaloacetic transaminase in frozen semen from Boer goats, 25 (1991) 125

Tyrrell, R.N., Gleeson, A.R., Peter, D.A. and Connell, P.J., Early identification of non-pregnant and pregnant ewes in the field using circulating progesterone concentration, 3 (1980) 149

Tyrrell, R.N., Starr, B.G., Restall, B.J. and Donnelly, J.B., Repeatability of LH responses by lambs to monthly challenge with synthetic gonadotrophin releasing hormone (GnRH), 3 (1980) 155

U

Ubilla, E. and Rodriguez, J.M., Routine grouping parturitions when using a new synthetic analogue of prostaglandin $F_{2\alpha}$ (Etiproston) administered in rabbits on day 29 of pregnancy, 19 (1989) 299

Umezu, M., Miyamoto, A., Ito, S., Masaki, J. and Ohta, M., Correlation of the mating behaviour of bulls with patterns of gonadotrophins and oestrogens in oestrous cows, 15 (1987) 95

Umezu, M., see Miyamoto, A., 17 (1988) 177

Umezu, M., see Miyamoto, A., 20 (1989) 165

Underhill, K.L., see Fiser, P.S., 24 (1991) 293

Urakawa, M., see Fukui, Y., 18 (1989) 139

Usmani, R.H., Dailey, R.A. and Inskeep, E.K., Pattern of arterial supply to the ovaries in Nili-Ravi buffaloes: relationship with the distribution of ovarian structures, 8 (1985) 225

Usmani, R.H., Lewis, G.S. and Naz, N.A., Factors affecting length of gestation and birth weight of Nili-Ravi buffaloes, 14 (1987) 195

V

Valdez, C.A., see Abas Mazni, O., 22 (1990) 161

Valon, F., see Chaffaux, S., 10 (1986) 193

Van de Wiel, D.F.M., see Bevers, M.M., 4 (1981) 155

Van de Wiel, D.F.M. and Koops, W., Development and validation of an enzyme immunoassay for progesterone in bovine milk or blood plasma, 10 (1986) 201

Van de Wiel, D.F.M., see Prakash, B.S., 16 (1988) 225

Van de Wiel, D.F.M., see Nasir Hussain Shah, S., 21 (1989) 25

Van de Wiel, D.F.M., see Nasir Hussain Shah, S., 21 (1989) 177

Van de Wiel, D.F.M., see Özsar, S., 23 (1990) 319

Van der Lende, T., see Soede, N.M., 23 (1990) 335

Van der Meulen, J., Elsaesser, F., Oudenaarden, C.P.J. and Helmond, F.A., Effect of intra-uterine oestradiol-17β administration on inter-oestrous interval in the pig, 24 (1991) 305

Van der Mey, G.J.W., see Joosten, I., 14 (1987) 251

Van der Mey, G.J.W., see Joosten, I., 25 (1991) 11

Van der Weyden, G.C., see Taverne, M.A.M., 2 (1979) 117

Van der Weyden, G.C., see Taverne, M.A.M., 17 (1988) 51

Van der Zwalmen, P., see Massip, A., 19 (1989) 117

Van Eldik, P., see Grommers, F.J., 9 (1985) 365

Van Eldik, P., see Joosten, I., 14 (1987) 251

Van Eldik, P., see Joosten, I., 25 (1991) 11

Van Niekerk, A., see Grobbelaar, J., 19 (1989) 245

Van Orden, D.E., see Conley, A.J., 20 (1989) 221

Van Tol, H.T.M., see Dieleman, S.J., 10 (1986) 275

Vandeplassche, M. and Lauwers, H., The twisted umbilical cord: an expression of kinesis of the equine fetus?, 10 (1986) 163

Vaňková, S., see Fránek, M., 17 (1988) 281

Vengust, M., see Schilling, E., 12 (1987) 283

Venier, G., see Fabre-Nys, C.J., 21 (1989) 37

Venkatramaiah, P., see Narashima Rao, A.V., 21 (1989) 149

Venkatramiah, P., see Narasimha Rao, A.V., 25 (1991) 109

Vernon, M.W., see Sharp, D.C., 7 (1984) 269

Verstegen, M.W.A., see Kemp, B., 17 (1988) 103

Verstegen, M.W.A., see Kemp, B., 22 (1990) 87

Vervoort, F.P., see Kemp, B., 22 (1990) 87

Vesanen, M., Isomaa, V., Alanko, M. and Vihko, R., Cytosol estrogen and progesterone receptors in bovine endometrium after uterine involution postpartum and in the estrous cycle, 17 (1988) 9

Veselý L., see Dostál, J., 1 (1978/1979) 265

Veselský, L., see Matoušek, J., 1 (1978) 49

Veselský, L., see Matoušek, J., 18 (1989) 161

Vicente, J.S., see Garcia-Ximenez, F., 24 (1991) 343

Vicente, J.S. and Garcia-Ximenez, F., Effects of hCG, treatment on morula recovery in the rabbit and their survival after synchronous transfer, 24 (1991) 347

Vihko, R., see Vesanen, M., 17 (1988) 9

Vincent, D.L., see Wiseman, B.S., 5 (1982/1983) 157

Vincent, D.L., Kinser, A.R. and Kesler, D.J., The effect of method of administration on ovarian responses of seasonally anestrous ewes administered gonadotrophin releasing hormone, 6 (1983/1984) 267

Vincent, D.L., see Ottobre, J.S., 7 (1984) 75

Vincenti, L., see Cristofori, F., 21 (1989) 73

Vinson, W.E., see Anderson, G.W., 11 (1986) 161

Vinson, W.E., see Holt, L.C., 21 (1989) 11

Visser, M., see Boer, K., 2 (1979) 63

Voglmayr, J.K., see Langlais, J., 14 (1987) 129

Voh, A.A., Jr., see Rekwot, P.I., 14 (1987) 187

Voh, A.A., Jr. and Otchere, E.O., Reproductive performance of Zebu cattle under traditional agropastoral management in northern Nigeria, 19 (1989) 191

Vorstermans, J.P.M. and Walton, J.S., Effect of intermittent injections of gonadotrophin releasing hormone at various frequencies on the release of luteinizing hormone and ovulation in dairy cows, 8 (1985) 335

W

Waddington, D., see Lake, P.E., 9 (1985) 273

Wagner, J.F., see Cochrane, R.L., 11 (1986) 223

Wagner, W.C., Hoffmann, B. and Killian, D.B., Maturational changes of the pituitary–adrenal axis in the fetal lamb, 2 (1979) 179

Wagner, W.C., see Hoffmann, B., 2 (1979) 253

Wagner, W.C. and Ellendorff, F., Effect of pneumonectomy on fetal development and birth in the sheep, 11 (1986) 243

Waites, G.M.H., see Pope, G.S., 22 (1990) 9

Wales, R.G., see Thompson, J.G.E., 15 (1987) 169

Walker, S.K., Ponzoni, R.W., Walkley, J.R.W. and Morbey, A.S.C., The development of male reproductive traits in progeny of Merino strains of different reproductive performance, 8 (1985) 61

Walker, S.K., Ponzoni, R.W., Walkley, J.R.W. and Morbey, A.S.C., The effect of the F gene on male reproductive traits in Booroola x South Australian Merino rams, 9 (1985) 137

Walkley, J.R.W., see Walker, S.K., 8 (1985) 61

Walkley, J.R.W., see Walker, S.K., 9 (1985) 137

Wallace, J.M., see McKelvey, W.A.C., 18 (1989) 1

Wallace, J.M., Robinson, J.J., McKelvey, W.A.C. and Aitken, R.P., Studies on increasing breeding frequency in the ewe 2. The endocrine status of lactating ewes induced to ovulate 28, 35 or 42 days post-partum, 18 (1989) 271

Walton, J.S., see Vorstermans, J.P.M., 8 (1985) 335

Walton, J.S., Effect of active immunization against androstenedione on ovarian function in dairy cows and prepubertal gilts, 8 (1985) 349

Wang, J.Y., Hafi, C.B., Owen, F.G. and Larson, L.L., Effect of beta-carotene supplementation on periparturient health and reproduction of Holstein cows, 15 (1987) 139

Ward, W.R., see Nanda, A.S., 22 (1990) 289

Ware, C.B., Northey, D.L., Boland, M.P. and First, N.L., Early cycle FSH-p priming as a prelude to superovulating gonadotropin administration in ewes and heifers, 16 (1988) 97

Warnes, G.M., see Armstrong, D.T., 5 (1982) 15

Wathes, D.C., see O'Shaughnessy, P.J., 17 (1988) 165

Wathes, D.C., see King, G.J., 20 (1989) 213

Wathes, D.C., see Barrett, J., 22 (1990) 297

Watson, J.G., see Wright, R.J., Jr., 1 (1978) 181

Watson, P.F., see Glover, T.E., 13 (1987) 229

Watson, P.F., see Robertson, L., 15 (1987) 177

Watson, P.F., see Plummer, J.M., 16 (1988) 265

Watson, P.F., see Robertson, L., 18 (1989) 285

Watson, P.F., Jones, P.S. and Plummer, J.M., A quantitative comparison of the spontaneous and ionophore-induced acrosome reaction in ejaculated ram spermatozoa: the effects of temperature, time and individual, 24 (1991) 93

Watts, G.E., see Pope, G.S., 22 (1990) 9

Weatherly, T., see Gifford, D.R., 19 (1989) 209

Weaver, A., see Henderson, K.M., 22 (1990) 121

Wechsung, E., see De Saedeleer, V., 21 (1989) 283

Wechsung, E., see De Saedeleer, V., 21 (1989) 293

Weigl, R., see Ziecik, A., 5 (1982/1983) 213

Weigl, R., see Okrasa, S., 22 (1990) 39

Weigl, R.M., see Dura, M., 14 (1987) 147

Wells, P.L., Holness, D.H., Freymark, P.J., McCabe, C.T. and Lishman, A.W., Fertility in the Afrikaner cow 2. Ovarian recovery and conception in suckled and non-suckled cows post partum, 8 (1985) 315

Wells, P.L., Holness, D.H., McCabe, C.T. and Lishman, A.W., Fertility in the Afrikaner cow 3. Once a day suckling and its effect on the pattern of resumption of ovarian activity and conception rate in early lactation, 12 (1986) 1

Welp, C. and Holtz, W., Induction of parturition with prostaglandin analogs under field conditions, 8 (1985) 171

Wesson, J.A. and Ginther, O.J., Puberty in the male pony: plasma gonadotropin concentrations and the effects of castration, 4 (1981) 165

Wetherill, G.Z., see Rhind, S.M., 24 (1991) 119

Wettemann, R.P., see Geisert, R.D., 16 (1988) 11

Whanger, P.D., see Alabi, N.S., 13 (1987) 143

Wheaton, J.E., see Hamra, A.H., 11 (1986) 187

Wheaton, J.E., see Carlson, K.M., 18 (1989) 205

Wheaton, J.E., see Hamra, A.H., 18 (1989) 219

White, I.G., see Chow, P.Y.W., 11 (1986) 207

White, I.G., see Simpson, A.M., 12 (1986) 131

White, I.G., see Simpson, A.M., 15 (1987) 189

White, I.G., see Brown-Woodman, P.D.C., 21 (1989) 141

Whittier, W.D., see Anderson, G.W., 11 (1986) 161

Whittier, W.D., see Holt, L.C., 21 (1989) 11

Wierzchoś, E., see Smorąg, Z., 4 (1981) 65

Wiesak, T., see Przała, J., 7 (1984) 351

Wildeus, S. and Entwistle, K.W., A quantitative histological study of testicular and epididymal development in *Bos indicus* cross bulls, 6 (1983) 1

Wildeus, S. and Entwistle, K.W., Effects of scrotal insulation and unilateral vasoligation on ejaculate characteristics and sperm reserves in the bull, 10 (1986) 11

Willemse, A.H., see Taverne, M., 1 (1978/1979) 257

Willemse, A.H., see Bevers, M.M., 4 (1981) 155

Willemse, A.H., see Dieleman, S.J., 10 (1986) 275

Willemse, A.H., see Nasir Hussain Shah, S., 21 (1989) 25

Willemse, A.H., see Nasir Hussain Shah, S., 21 (1989) 177

Willham, R.L., see Musah, A.I., 16 (1988) 237

Williams, G., see Brown, C.M., 25 (1991) 181

Williams, G.L., see Ziecik, A., 5 (1982/1983) 213

Williams, G.L., see Dura, M., 14 (1987) 147

Williams, G.L. and Forrest, D.W., A note on fertility of cyclic beef females following acute unilateral ovariectomy, 18 (1989) 155

Williams, I.H., see King, R.H., 5 (1982) 41

Williams, J.S., see Menino, A.R., Jr., 18 (1989) 125

Williams, W.F., see Gross, T.S., 8 (1985) 193

Williams, W.F., Osman, A.M., Shehata, S.H.M. and Gross, T.S., Pedometer detection of prostaglandin $F_{2\alpha}$-induced luteolysis and estrus in the Egyptian buffalo, 11 (1986) 237

Williams, W.F., see Larson, G.H., 25 (1991) 31

Wilmut, I., see Hunter, R.H.F., 5 (1982/1983) 167

Wilmut, I., see Ashworth, C.J., 21 (1989) 213

Wilson, I.B.H., see Brown, C.M., 25 (1991) 181

Wilson, P.A., see Croker, K.P., 13 (1987) 45

Wilson, P.A., see Croker, K.P., 25 (1991) 199

Wilson, P.R., see Revol, B., 25 (1991) 241

Wilson, R.T., Livestock production in central Mali: reproductive aspects of sedentary cows, 9 (1985) 1

Wilson, T.R., Reproductive performance of African indigenous small ruminants under various management systems: a review, 20 (1989) 265

Winfield, C.G., see Cronin, G.M., 5 (1982) 117

Winfield, C.G., see Cronin, G.M., 5 (1982/1983) 199

Wintenberger-Torres, S., see Techakumphu, M., 12 (1987) 297

Wintenberger-Torrès, S., see Techakumphu, M., 13 (1987) 221

Wise, T., Klindt, J., Ford, J.J. and Christenson, R.K., Changes in thymosin $\beta 4$ and gonadal function during puberty in boars and gilts immunized against estrone, 24 (1991) 139

Wiseman, B.S., Vincent, D.L., Thomford, P.J., Scheffrahn, N.S., Sargent, G.F. and Kesler, D.J., Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

Wishart, G.J. and Palmer, F.H., The effect of cryopreservation at −196°C on the viability of fowl and turkey spermatozoa assessed in vitro, 10 (1986) 317

Wolfenson, D., see Thatcher, W.W., 7 (1984) 149

Wolfenson, D., Thatcher, W.W., Bartol, F.F. and Knickerbocker, J.J., Effect of uterine luminal perfusion of $PGF_{2\alpha}$ and PGE_2 on uterine vasomotor response and $PGF_{2\alpha}$ output in cyclic cattle, 14 (1987) 103

Wolfenson, D. and Blum, Orly, Embryonic development, conception rate, ovarian function and structure in pregnant rabbits heat-stressed before or during implantation, 17 (1988) 259

Wolínska, E., see Skubiszewski, B., 4 (1981/1982) 269

Wolińska-Witort, E., see Przekop, F., 7 (1984) 333

Wollen, T.S., see Schultz, R.H., 7 (1984) 235

Wolynetz, M.S., see Friend, D.W., 11 (1986) 69

Wood, E.N., see Lancaster, R.T., 11 (1986) 151

Wordinger, R.J. and Amsler, K.R., Histochemical identification of the glycocalyx layer in the bovine oviduct and endometrium, 3 (1980) 189

Wordinger, R.J., see Jackson, F.L., 14 (1987) 75

Workewych, J., see Challis, J.R.G., 2 (1979) 29

Wright, P.J., Geytenbeek, P.E., Clarke, I.J. and Hoskinson, R.M., The efficacy of ram introduction, GnRH administration, and immunisation against androstenedione and oestrone for the induction of oestrus and ovulation in anoestrous post-partum ewes, 21 (1989) 237

Wright, P.J., Geytenbeek, P.E. and Clarke, I.J., The influence of nutrient status of post-partum ewes on ovarian cyclicity and on the oestrous and ovulatory responses to ram introduction, 23 (1990) 293

Wright, R.J., Jr., Watson, J.G. and Chaykin, S., Factors influencing the in vitro hatching of mouse blastocysts, 1 (1978) 181

Wright, R.W., Jr., see Kuzan, F.B., 5 (1982) 57

Wright, R.W., Jr., Grammer, J., Bondioli, K., Kuzan, F. and Menino, A., Jr., Protein content and volume of early porcine blastocysts, 5 (1982/1983) 207

Wróblewska, B., see Skubiszewski, B., 4 (1981/1982) 269

Xu, Z.Z., McDonald, M.F. and McCutcheon, S.N., The effects of nutritionally-induced liveweight differences on follicular development, ovulation rate, oestrous activity and plasma follicle-stimulating hormone levels in the ewe, 19 (1989) 67

X

Xun, H.-C., see Raeside, J.I., 12 (1986) 39

Z

Yamazaki, D., see Ono, H., 5 (1982) 1

Yamazaki, Y., Ishibashi, I., Fukuda, Y. and Naito, K., In vitro developmental capacity of mouse follicular oocytes recovered at various times after hCG injection and matured in vitro, 23 (1990) 253

Yang, X., see Chen, Y., 18 (1989) 35

Yarom, R., see Ezov, N., 22 (1990) 281

Yenikoye, A., Mariana, J.C. and Celeux, G., Follicular growth during the oestrous cycle in Peul sheep, 21 (1989) 201

Yoshidome, S., see Ashizawa, K., 10 (1986) 185

Youngquist, R.S., see Moser, M.T., 18 (1989) 227

Younis, M., see Eltohamy, M.M., 16 (1988) 303

Z

Zaborniak, A., see Strzeżek, J., 13 (1987) 133

Zakaria, A.D., see Eltohamy, M.M., 22 (1990) 203

Zamiri, M.J. and Blackshaw, A.W., Microfluorometric study of glucose-6-phosphate and malate dehydrogenases in histologically defined areas of the uterus in cyclic and pregnant ewes, 3 (1980/1981) 325

Zaoral, J., Pöschl, M. and Kvapilík, J., Pregnancy testing of cows by determining progesterone levels in milk, 4 (1981/1982) 181

Zarco, L., Stabenfeldt, G.H., Kindahl, H., Quirke, J.F. and Granström, E., Persistence of luteal activity in the non-pregnant ewe, 7 (1984) 245

Zartman, D.L., see Clapper, J.A., 23 (1990) 89

Zartman, D.L., see Mosher, M.D., 23 (1990) 99

Zartmant, D.L. and DeAlba, E., Remote temperature sensing of oestrous cycles in cattle, 4 (1981/1982) 261

Zavy, M.T., see Sharp, D.C., 7 (1984) 269

Zavy, M.T., see Geisert, R.D., 16 (1988) 11

Zduńczyk, S., see Janowski, T., 17 (1988) 297

Zerobin, K., see Thun, R., 9 (1985) 341

Zgórniak-Nowosielska, I., Bielański, W. and Kosiniak, K., Mycoplasmas in stallion semen, 7 (1984) 343

Zhang, X. and Miller, B.G., Effects of pregnancy and exogenous progesterone on immunosuppressive activity in the uterus and peripheral plasma of the ewe, 18 (1989) 253

Ziecik, A., Tilton, J.E., Weigl, R. and Williams, G.L., Plasma luteinizing hormone during pregnancy in the pig, 5 (1982/1983) 213

Ziecik, A., Doboszynska, T. and Dusza, L., Concentrations of LH, prolactin and progesterone in early-pregnant and oestradiol-treated pigs, 10 (1986) 215

Ziecik, A., see Doboszynska, T., 10 (1986) 225

Ziecik, A., see Dura, M., 14 (1987) 147

Ziecik, A.J., Esbenshade, K.L., Howard, H.J. and Britt, J.H., Sex-related differences in the control of gonadotropin concentrations in neonatal pigs, 23 (1990) 123

Ziedan, A., see El-Gaafary, M.N., 23 (1990) 13

Znad, M.M., see Azawi, O.I., 22 (1990) 319

SUBJECT INDEX

Animal Reproduction Science, volumes 1–25

α-Chlorohydrin

Comparison of α-chlorohydrin and two aromatic ketal analogues as antifertility agents in male rats, 21 (1989) 141

α-foetoprotein

Maternal plasma levels of alpha-fetoprotein during oestrous cycles and pregnancy in mice, 23 (1990) 157

α-methyl-*p*-tyrosine

Prolactin secretion in cattle as affected by haloperidol and α-methyl-*p*-tyrosine, 13 (1987) 239

5α-Androstenone — pig

Effect of sexual stimulation on concentrations of 5α-androstenone and testosterone in the peripheral plasma of boars reared individually, 4 (1981/1982) 227

Age-related changes in plasma LH and testosterone concentration profiles and fat 5α-androstenone content in the young boar, 15 (1987) 241

Genital tract development and histomorphometrical traits of the testis in the young boar: relationships with fat 5α-androstenone levels, 15 (1987) 259

Abortion

Pharmacology of parturition and abortion, 2 (1979) 133

Prostaglandin induced early abortions in the bovine. Clinical outcome and endogenous release of prostaglandin $F_{2\alpha}$ and progesterone, 3 (1980/1981) 289

A clinical study on the effect of a Gram-negative bacterial endotoxin and cloprostenol in non-pregnant and 60-day-pregnant gilts, 10 (1986) 133

Pregnancy loss in the mare, 20 (1989) 231

Acetate

In vitro incorporation of (I-^{14}C) acetate and U-^{14}C) glucose into the lipids of buffalo bull spermatozoa, 21 (1989) 191

Acrosome

The effects of washing and protein supplementation on the acrosome reaction of ram spermatozoa in vitro, 9 (1985) 75

Effect of thaw rates on motility, survival and acrosomal integrity of buffalo spermatozoa frozen in medium French straws, 12 (1986) 123

Changes in acrosome morphology during cooling and freezing of dog semen, 12 (1986) 145

Some effects of chondroitin sulphate on the in-vitro acrosome reaction in ram spermatozoa, 12 (1986) 151

Frequency of semen collection in boars and quality of ejaculates as evaluated by the osmotic resistance of acrosomal membranes, 12 (1987) 283

Intracellular calcium in hamster spermatozoa in testis, epididymis and during the acrosome reaction, 16 (1988) 145

Timed breeding of rabbits with fresh and frozen-thawed semen and evidence of acrosome alteration following freezing and thawing, 18 (1989) 35

A quantitative comparison of the spontaneous and ionophore-induced acrosome reaction in ejaculated ram spermatozoa: the effects of temperature, time and individual, 24 (1991) 93

Acrosomal damage and enzymic release of rabbit semen supplemented with prostaglandin $F_{2\alpha}$, 24 (1991) 153

The effect of induced ice nucleation (seeding) on the post-thaw motility and acrosomal integrity of boar spermatozoa, 24 (1991) 293

ACTH

The fetal brain and parturition, 2 (1979) 63

Effects of ACTH and cortisol on luteolysis in the ewe, 20 (1989) 201

Acupuncture

Plasma hormone response after acupuncture treatment of bovine subfertility, 11 (1986) 173

Aflatoxin

Factors related to decreased testosterone concentrations in the peripheral circulation of the maturing male chicken (*Gallus domesticus*) fed aflatoxin, 18 (1989) 25

Age influence

Number and quality of oocytes in relation to age of cattle, 7 (1984) 451

Ovulation rate and embryo survival in young ewes mated either at puberty or at the second or third oestrus, 8 (1985) 41

The effect of age at stimulation by relocation and first mature boar contact on the attainment of puberty in the gilt, 12 (1986) 31

Age and seasonal effects on sexual behaviour of stallions at rest, 12 (1986) 233

Genetic studies on fertility in A.I. bulls, I. Age, season and genetic effects on semen characteristics in young bulls, 19 (1989) 1

Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG, 22 (1990) 235

Stimulation of testosterone production by PMSG injection in the ovine male: effect of breed and age and application to males carrying or not carrying the "F" Booroola gene, 23 (1990) 21

Alkaline phosphatase

Molecular forms of alkaline phosphatase of ram seminal plasma—some properties and changes in pathological process of reproductive organs, 3 (1980/1981) 307

Allyl trenbolone

The influence of allyl trenbolone (Regumate) on the timing, duration and endocrinology of parturition in sows, 9 (1985) 163

Alpaca

Laparoscopic examination of the ovarian activity in Alpacas, 21 (1989) 271

Altrenogest

Use of altrenogest alone or in combination with PMSG to control the preovulatory LH surge in gilts, 14 (1987) 147

Aminoglutethimide phosphate

Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats, 22 (1990) 339

Aminopeptidase

Boar sperm aminopeptidase: purification and partial characterization, 22 (1990) 55

Aminotransferase

Aspartate aminotransferase activity in motile and immotile spermatozoa fractions of frozen-thawed boar semen obtained after filtration on columns filled with chitin, 23 (1990) 237

Anabolic steroids

The effect of trenbolone acetate on the bovine oestrous cycle, 4 (1981) 107

Androgens, general — pig

The effect of oxytocin on steroid hormone secretion by isolated porcine follicular cells in tissue culture, 17 (1988) 141

Androstenedione — cat

Testosterone and androstenedione profiles in the blood of domestic tom-cats, 7 (1984) 363

Androstenedione — cattle

Plasma androstenedione after injections of dexamethasone and luteinizing hormone releasing hormone in young postpubertal bulls, 4 (1981) 1

Effect of active immunization against androstenedione on ovarian function in dairy cows and prepubertal gilts, 8 (1985) 349

Androstenedione — horse

Progestagen, androgen and oestrogen levels in plasma and ovarian follicular fluid during the oestrous cycle of the mare, 12 (1987) 255

Androstenedione — pig

Effect of active immunization against androstenedione on ovarian function in dairy cows and prepubertal gilts, 8 (1985) 349

Direct effect of cortisol on androstenedione production by thecal cells from porcine ovarian follicles, 12 (1986) 39

Endocrine changes associated with spontaneous luteolysis in sows, II. Temporal relationships among the concentrations of A_4, T, E_1 and E_2 measured in uteroovarian vein plasma, 21 (1989) 53

Androstenedione — sheep

Plasma concentrations of testosterone, androstenedione, progesterone, oestradiol-17β, LH and FSH during the preovulatory period in the ewe, 7 (1984) 521

The immunization of ewes against steroids as a means of increasing prolificacy in a Mediterranean environment, 13 (1987) 45

Potential of active immunization against androstenedione to improve fecundity in sheep, 15 (1987) 101

Alterations in gonadotrophin secretion and ovarian sensitivity to gonadotrophins induced by active immunization against androstenedione, 19 (1989) 53

The efficacy of ram introduction, GnRH administration, and immunisation against androstenedione and oestrone for the induction of oestrus and ovulation in anoestrous post-partum ewes, 21 (1989) 237

Effects of active immunisation of female lambs against androstenedione on LH secretion, onset of puberty and ovulation rate, 24 (1991) 283

Anencephaly

Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report, 22 (1990) 213

Angiotensin

Angiotensin-converting-enzyme activity in epididymis, vas deferens and spermatozoa of domestic cock (*Gallus domesticus*), 23 (1990) 349

Anosmia

Effects of anosmia on LH secretion, ovulation and oestrous behaviour induced by males in the anovular Creole goat, 10 (1986) 125

Antirelaxin

Effect of relaxin and antirelaxin serum on porcine sperm motility, 20 (1989) 21

Ethylenediaminetetraacetic acid (EDTA) and caffeine are antagonistic to antirelaxin serum inhibition of porcine sperm motility, 22 (1990) 253

Armadillo

Annual pattern in plasma testosterone in the male armadillo, *Dasypus novemcinctus*, 4 (1981) 49

Seasonal variation in spermatogenesis in the nine-banded armadillo (*Dasypus novemcinctus*) from southeastern Brazil, 6 (1983) 135

Artificial insemination

Intraperitoneal insemination, sperm transport and capacitation in the pig, 1 (1978) 167

The distribution of diploid rabbit spermatozoa in the female tract after artificial insemination, 1 (1978/1979) 245

The effect of mating, artificial insemination, and fright on uterine motility of the oestrous ewe, 1 (1978/1979) 297

Synchronisation of oestrus of goats treated with progestagen-impregnated intravaginal sponges and PMSG, and reproductive performance following natural mating or A.I. with frozen semen, 5 (1982) 111

Quality, freezability and fertility of the semen of pre-selected A.I. bulls carrying various chromosome aberrations, 6 (1983/1984) 167

Some effects of the composition of inseminated semen and the site of its deposition on fertility in *Gallus domesticus*, 9 (1985) 273

Progestagens, PMSG and the "ram effect" after artificial insemination in spring to synchronise non-pregnant ewes, 10 (1986) 117

Artificial insemination of ewes with frozen-thawed semen at a synchronised oestrus 1. Effect of time of onset of oestrus, ovulation and insemination on fertility, 10 (1986) 301

Artificial insemination of ewes with frozen-thawed semen at a synchronised oestrus 2. Effects of dose of spermatozoa and site of intrauterine insemination on fertility, 10 (1986) 309

Oestrus synchronization and fixed-time artificial insemination in the weaned sow, 11 (1986) 151

Transuterine transport of spermatozoa after artificial insemination in heifers, 12 (1986) 115

Influence of season on characteristics of the ejaculate from bulls in an artificial insemination centre in Nigeria, 14 (1987) 187

Optimal insemination interval, semen dose and dilution for optimum fertility in chickens under humid tropical conditions, 20 (1989) 179

Opposite breeding seasons in dairy Zebu cows and dairy River buffaloes as assessed by first insemination records, 21 (1989) 25

Effect of insemination conditions on reproductive performance during early pregnancy of gilts kept under different social conditions, 23 (1990) 335

Reproductive efficiency of *Bos indicus* (Zebu) cows under artificial insemination management in Ethiopia, 24 (1991) 63

The association of the pre-ovulatory surge

of LH and conception in beef cattle, 24 (1991) 205

Aspartate aminotransferase

Aspartate aminotransferase activity in motile and immotile spermatozoa fractions of frozen-thawed boar semen obtained after filtration on columns filled with chitin, 23 (1990) 237

Bacterial contamination

The experimental infection of the amniotic sac of sheep, 9 (1985) 231

Effect of administration of estradiol and progesterone, and bacterial contamination, on endometrial morphology of acyclic mares, 9 (1985) 317

A clinical study on the effect of a Gram-negative bacterial endotoxin and cloprostenol in non-pregnant and 60-day-pregnant gilts, 10 (1986) 133

The effect of a Gram-negative bacterial endotoxin and cloprostenol on the plasma levels of 15-keto-13,14-dihydro-$PGF_{2\alpha}$, progesterone, oestradiol-17β, oestrone sulphate and luteinizing hormone in non-pregnant and 60-day-pregnant gilts, 10 (1986) 147

An examination of the effects of ureaplasma infection on the fertility of synchronised ewes, 13 (1987) 61

Barium

The effect of barium on the contractile mechanism of isolated dog uteri; influence of the hormonal state, 8 (1985) 375

Behaviour

Behavioural aspects of parturition, 2 (1979) 155

Evaluation of sexual behaviour in rams in relation to their reproductive capacity, 7 (1984) 517

Mating performance of paddock-mated rams, I. Changes in mating performance, ejaculate characteristics and testicular size during the joining period, 8 (1985) 79

Mating performance of paddock-mated rams, II. Changes in sexual and general activity during the joining period, 8 (1985) 101

The influence of earlier mating experience of ewes on their subsequent mating behaviour and reproductive performance, 9 (1985) 223

Effects of anosmia on LH secretion, ovulation and oestrous behaviour induced by males in the anovular Creole goat, 10 (1986) 125

Sequential endocrine changes and behaviour during oestrus and metoestrus in repeat breeder and virgin heifers, 10 (1986) 261

Age and seasonal effects on sexual behaviour of stallions at rest, 12 (1986) 233

Behavioural and hormonal responses of sexually-experienced Ile-de-France rams to oestrous females, 14 (1987) 293

Correlation of the mating behaviour of bulls with patterns of gonadotrophins and oestrogens in oestrous cows, 15 (1987) 95

The effect of collection procedure on the sperm output and copulatory behavior of AI stud boars, 16 (1988) 277

Sexual behaviour in the postpartum period of domestic rabbits, 17 (1988) 251

Quantitative analysis of oestrous behaviour through the breeding season in two breeds of sheep, 21 (1989) 37

Oestrous behaviour of Baoule cows (*Bos taurus*) in Burkina Faso, 21 (1989) 153

Effects of human chorionic gonadotropin

(hCG) pretreatment on endocrine and behavioural responses of dairy cattle to exogenous prostaglandin $F_{2\alpha}$, 25 (1991) 97

The effects of individual and group housing on sexual behaviour and pregnancy in pigs, 25 (1991) 265

Beta-carotene

Effect of beta-carotene supplementation on periparturient health and reproduction of Holstein cows, 15 (1987) 139

Bovine luteal cell activity in culture. Maintenance of steroidogenesis by high density lipoprotein containing high or low beta-carotene concentrations, 17 (1988) 165

Bicarbonate

Stimulation of the motility and oxygen consumption of fowl spermatozoa by bicarbonate at 40°C, 21 (1989) 301

Birds

Circadian basis of photoperiodically induced testicular growth in redheaded bunting, *Emberiza bruniceps*, 4 (1981/1982) 245

Evidence for a circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 5 (1982) 65

Circadian function in the photoperiodic induction of testicular growth in the common Indian rosefinch, *Carpodacus erythrinus*, 5 (1982/1983) 223

Prevention of the production of lipid peroxide in rooster spermatozoa, 7 (1984) 385

Prolonged motility of fowl spermatozoa in vitro due to a low molecular weight factor(s) released from cultured embryonic cells, 9 (1985) 181

The phospholipid-bound fatty acids of fowls and turkey spermatozoa, 9 (1985) 189

Some effects of the composition of inseminated semen and the site of its deposition on fertility in *Gallus domesticus*, 9 (1985) 273

The effect of hemicastration on sperm reserves of cockerels on a restricted dietary intake. Sperm reserves and deposition of sperm in different strains of cockerels, 9 (1985) 285

Does the internal coincidence model operate in the subtropical population of house sparrow, *Passer domesticus*?, 9 (1985) 295

Participation of the circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 9 (1985) 375

Response to ultra-short photoperiods by the subtropical yellow-throated sparrow, *Gymnorhis xanthocollis*, 10 (1986) 237

The effect of cryopreservation at −196°C on the viability of fowl and turkey spermatozoa assessed in vitro, 10 (1986) 317

Characteristics of artificially ejaculated and ductus deferens semen in the guinea-fowl, 12 (1986) 69

Spermatogenic activities of the left and right testes of hemicastrated and intact cockerels, 14 (1987) 157

Factors related to decreased testosterone concentrations in the peripheral circulation of the maturing male chicken (*Gallus domesticus*) fed aflatoxin, 18 (1989) 25

Optimal insemination interval, semen dose and dilution for optimum fertility in chickens under humid tropical conditions, 20 (1989) 179

Influence of substance P on myoelectrical activity of the infundibulum, uterus and vagina in the conscious domestic hen, 21 (1989) 283

Influence of substance P on in vitro motility of the oviduct and intestine in the domestic hen, 21 (1989) 293

Stimulation of the motility and oxygen consumption of fowl spermatozoa by bicarbonate at 40°C, 21 (1989) 301

Angiotensin-converting-enzyme activity in epididymis, vas deferens and spermatozoa of domestic cock (*Gallus domesticus*), 23 (1990) 349

Birth weight

Factors affecting lamb birth weights from high fecundity Booroola ewes, 8 (1985) 53

Blood circulation mechanisms

^{3}H-Oestradiol-17β counter current transfer from the ovarian vein into the ovarian artery in cows, 4 (1981/1982) 199

Role of the mesosalpinx and oviduct vasculature in the counter-current transfer of steroid hormones into the ovary, 5 (1982) 25

Vasoactive intestinal polypeptide and endometrial blood flow in the goat, 6 (1983/1984) 217

Pattern of arterial supply to the ovaries in Nili-Ravi buffaloes: relationship with the distribution of ovarian structures, 8 (1985) 225

Prepartum and postpartum glycogen accumulation in bovine uterine arteries, 16 (1988) 191

Local transfer of prostaglandin $F_{2\alpha}$ from the uterine lumen into the venous and arterial blood and into the uterine, mesometrial and ovarian tissue on Day 18 of pregnancy in the pig, 23 (1990) 223

Body condition

Follicle populations, ovulation rates and plasma profiles of LH, FSH and prolactin in Scottish Blackface ewes in high and low levels of body condition, 10 (1986) 105

Booroola gene

Stimulation of testosterone production by PMSG injection in the ovine male: effect of breed and age and application to males carrying or not carrying the "F" Booroola gene, 23 (1990) 21

Bos indicus

The production of mixed-species *Bos taurus–Bos indicus* twin calves, 6 (1983) 79

Synthesis of primary *Bos taurus–Bos indicus* chimaeric calves, 6 (1983) 91

Comparative study of the concentrations of peripheral progesterone before and after $PGF_{2\alpha}$ injection between *Bos taurus* (Brown Swiss) and *Bos indicus* (Indobrazil) in the tropics, 9 (1985) 333

The superovulation response of *B. taurus* and *B. indicus* cattle following treatment with follicle stimulating hormone and progesterone, 11 (1986) 91

Bovine follicular fluid

Plasma follicle stimulating hormone, ovulation rate and fertility in Merino ewes treated with bovine follicular fluid, 16 (1988) 27

Manipulation of plasma FSH concentrations by administration of bFF affects secretion in seasonally anoestrous ewes, 25 (1991) 115

Brain

The fetal brain and parturition, 2 (1979) 63

Breeding frequency

Studies on increasing breeding frequency in the ewe, I. The fertilization of ova during the early post-partum period, 18 (1989) 1

The effect of frequency of administration of melatonin on the time of onset of the breeding season anoestrous ewes, 18 (1989) 13

Plasma prolactin concentrations in barren, pregnant and lactating red deer (*Cervus elaphus*) given melatonin to advance the next breeding season, 18 (1989) 77

Studies on increasing breeding frequency in the ewe 2. The endocrine status of lactating ewes induced to ovulate 28, 35 or 42 days post-partum, 18 (1989) 271

Bromocryptine

Effect of chronic treatment with bromocryptine on the corpus luteum function of the cow, 14 (1987) 95

Chronic treatment with bromocryptine during the oestrous cycle of the cow: evidence that prolactin is not involved in preovulatory follicular growth, 17 (1988) 21

Bruce effect

Involvement of contact stimuli in the male-induced implantation block (the Bruce effect) in mice, 7 (1984) 377

Buck effect

Effect of the buck on number of services per conception, service period and litter size at birth in Bauscat rabbits, 5 (1982/1983) 219

Buffalo

Oestrus synchronization in buffaloes (*Bubalus bubalis*), 3 (1980) 107

Duration of seminiferous epithelial cycle in buffalo bulls (*bubalus bubalis*), 3 (1980) 217

Effect of month and season of calving on the length of subsequent calving interval in Nili-Ravi buffaloes, 3 (1980/1981) 301

Semen characteristics of the swamp buffalo (*Bubalus bubalis*), 4 (1981/1982) 213

Environmental influence on calving interval and estimates of its repeatability in the Murrah buffalo in Sri Lanka, 5 (1982) 99

Feezing of swamp buffalo semen, 5 (1982) 141

Post partum ovarian activity and uterine involution in the suckled swamp buffalo (*Bubalus bubalis*), 5 (1982/1983) 181

Luteinizing hormone and oestradiol-17β in blood plasma and milk during the oestrous cycle and early pregnancy in Murrah buffaloes, 5 (1982/1983) 247

Effect of progesterone releasing intravaginal device (PRID) on fertility in the post-partum buffalo cow, 6 (1983) 111

Seasonal variations in plasma glucocorticoid levels in buffalo cows (*Bubalus bubalis*), 6 (1983/1984) 177

The accuracy of rectal diagnosis of corpora lutea in water buffalo (*Bubalus bubalis*), 6 (1983/1984) 185

Seasonal variation in the LH release in response to GnRH in the buffalo, 6 (1983/1984) 229

Annual pattern of plasma progesterone in normal cycling buffaloes (*Bubalus bubalis*) fed two levels of nutrition, 7 (1984) 323

Serum progesterone levels as an index of pregnancy in buffaloes, 7 (1984) 447

Oestrous response and fertility in post-partum anoestrous buffaloes treated with a progestagen, pregnant mares' serum gonadotrophin and prostaglandin during the low breeding season, 8 (1985) 129

Compatibility between serum progesterone profile and rectal/clinical findings in normal cycling, suboestrus, and after treat-

ment with prostaglandin in suboestrous buffaloes, 8 (1985) 137

Lactic dehydrogenase activity in buffalo semen, 8 (1985) 143

Pattern of arterial supply to the ovaries in Nili-Ravi buffaloes: relationship with the distribution of ovarian structures, 8 (1985) 225

Influence of age, weaning, season and body weight on the levels of progesterone, oestradiol-17β and luteinizing hormone in growing buffalo heifers (*Bubalus bubalis*), 9 (1985) 213

Serum testosterone concentrations in advanced pregnancy in water buffaloes (*Bubalus bubalis*), 9 (1985) 383

Changes in plasma concentrations of luteinizing hormone, progesterone and oestradiol-17β during the periovulatory period in cyclic swamp buffaloes (*Bubalus bubalis*), 11 (1986) 17

Reproduction in swamp buffalo cows after oestrous synchronisation at two mating seasons and two levels of nutrition, 11 (1986) 99

Peripheral plasma oestradiol-17β, progesterone and cortisol in buffaloes induced to calve with dexamethasone and vetoestrol, 11 (1986) 111

Pedometer detection of prostaglandin $F_{2\alpha}$-induced luteolysis and estrus in the Egyptian buffalo, 11 (1986) 237

Effect of thaw rates on motility, survival and acrosomal integrity of buffalo spermatozoa frozen in medium French straws, 12 (1986) 123

Effect of season on fertility of frozen buffalo semen, 13 (1987) 15

Transaminases in cattle and buffalo (*Bubalus bubalis*) semen in relation to fertility and seminal characteristics during moderate and colder seasons, 13 (1097) 177

Post-partum reproduction in swamp buffalo cows at two feeding levels, 13 (1987) 183

Postpartum ovarian activity, uterine involution and fertility in indigenous buffaloes at a selected village location in Sri Lanka, 14 (1987) 115

Factors affecting length of gestation and birth weight of Nili-Ravi buffaloes, 14 (1987) 195

Ovarian and uterine responses in relation to norgestomet–PMSG treatment in the true anoestrous buffalo, 16 (1988) 71

Pubertal development in the male buffalo: longitudinal analysis of body growth, testicular size and serum profiles of testosterone and oestradiol, 19 (1989) 161

Ovarian follicular populations in buffaloes and cows, 19 (1989) 171

Opposite breeding seasons in dairy Zebu cows and dairy River buffaloes as assessed by first insemination records, 21 (1989) 25

Effect of prostaglandins on characteristics of buffalo semen at 4°C, 21 (1989) 87

Luteolytic effect of a low dose of cloprostenol monitored by changes in vaginal resistance in suboestrous buffaloes, 21 (1989) 149

Influence of season and parity on several reproductive parameters in Nili-Ravi buffaloes in Pakistan, 21 (1989) 177

In vitro incorporation of (I-^{14}C) acetate and U-^{14}C) glucose into the lipids of buffalo bull spermatozoa, 21 (1989) 191

Buffalo fetal cotyledons contain certain factors that suppress compensatory ovarian hypertrophy in mice, 22 (1990) 1

Changes in the contents of buffalo cervical mucus during different phases of the oestrous cycle, 22 (1990) 203

Induction and synchronization of oestrus and fertility in seasonally anoestrous buffaloes with GnRH and a PGF analog, 25 (1991) 109

Bunting

Circadian basis of photoperiodically induced testicular growth in redheaded bunting, *Emberiza bruniceps*, 4 (1981/1982) 245

Evidence for a circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 5 (1982) 65

Participation of the circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 9 (1985) 375

c-AMP

Interrelationship between motility, c-AMP, respiration and calcium uptake of ram and boar sperm, 15 (1987) 189

Cadmium

Influence of dietary selenium on metabolism of cadmium and mercury in reproductive tissues of rats, 13 (1987) 143

Caffeine

The effect of ions and caffeine on the maintenance of motility of bovine spermatozoa diluted in egg yolk buffers, 15 (1987) 161

Ethylenediaminetetraacetic acid (EDTA) and caffeine are antagonistic to antirelaxin serum inhibition of porcine sperm motility, 22 (1990) 253

Effects of caffeine on bull semen quality and sperm penetration into cervical mucus, 23 (1990) 13

Calcium

Effect of cold shock and cooling rate on calcium uptake of ram spermatozoa, 12 (1986) 131

The effect of egg yolk on the control of intracellular calcium in ram spermatozoa cooled and stored at 5°C, 15 (1987) 177

Interrelationship between motility, c-AMP, respiration and calcium uptake of ram and boar sperm, 15 (1987) 189

Intracellular calcium in hamster spermatozoa in testis, epididymis and during the acrosome reaction, 16 (1988) 145

Acquired resistance to cold shock in ram spermatozoa revealed by microscopy and a calcium radioassay, 18 (1989) 285

Calving incidence

A note on the relationship between barometric pressure and calving incidence, 1 (1978) 3

Calving interval

Effect of month and season of calving on the length of subsequent calving interval in Nili-Ravi buffaloes, 3 (1980/1981) 301

Environmental influence on calving interval and estimates of its repeatability in the Murrah buffalo in Sri Lanka, 5 (1982) 99

Post partum ovarian activity and uterine involution in the suckled swamp buffalo (*Bubalus bubalis*), 5 (1982/1983) 181

Patterns of postpartum oestrus onset and associated plasma progesterone profiles in *Bos indicus* cows in Ethiopia, 24 (1991) 73

Camel

Ultrasonic pregnancy diagnosis in the camel, 1 (1978) 19

Spermatogenesis in the camel (*Camelus dromedarius*), 10 (1986) 23

Fine structure of Sertoli cells in the camel (*Camelus dromedarius*), 10 (1986) 37

The intratesticular excurrent ducts of the camel (*Camelus dromedarius*), 10 (1986) 47

Fine structure of epididymal spermatozoa in the camel (*Camelus dromedarius*), 10 (1986) 177

Breeding activity of the camel (*Camelus dromedarius*), 11 (1986) 75

Studies on camel semen, I. Electroejaculation and some aspects of semen characteristics, 12 (1986) 213

Studies on camel semen, II. Biochemical characteristics, 12 (1986) 223

Reproduction in the female dromedary (*Camelus dromedarius*): a review, 15 (1987) 273

Reproduction in the male dromedary (*Camelus dromedarius*): a review, 17 (1988) 217

Mating-dependent endocrinological variations in female *Camelus dromedarius*, 21 (1989) 73

Plasma LH, corticoid and sex steroid variations in camels (*Camelus dromedarius*) in relation to seasonal climatic changes, 21 (1989) 101

A gonadotrophin-like bioactivity of the serum of pregnant camel (*Camelus dromedarius*), 23 (1990) 327

Secretion of LH and progesterone after intravenous administration of GnRH in the camel (*Camelus dromedarius*), 25 (1991) 67

Effect of conception date on length of gestation in the dromedary camel (*Camelus dromedarius*) in the Negev Desert, 25 (1991) 173

Capacitation

Stabilizing rôle of epididymal plasma in relation to the capacitation time of boar spermatozoa, 1 (1978) 161

Testing capacitation of bull sperm with zona-free hamster ova, 18 (1989) 95

Castration

Puberty in the male pony: plasma gonadotropin concentrations and the effects of castration, 4 (1981) 165

Cat

Testosterone and androstenedione profiles in the blood of domestic tom-cats, 7 (1984) 363

The effects of egg yolk, the low density lipoprotein fraction of egg yolk, and three monosaccharides on the survival of cat (*Felis catus*) spermatozoa stored at 5°C, 13 (1987) 229

Catecholamines

Effect of $PGF_{2\alpha}$ analogue on ovarian oxytocin and progesterone release in heifers: catecholamines are not involved in this process, 25 (1991) 1

Cattle — artificial insemination

Transuterine transport of spermatozoa after artificial insemination in heifers, 12 (1986) 115

Cattle — behaviour

Behaviour and mating performance of paddock-mated beef bulls, 6 (1983/1984) 153

Cattle — corpus luteum

Functional status of the peri-partum bovine corpus luteum, 8 (1985) 193

Superfusion of bovine luteal tissue slices: basic secretion, influence of LH on progesterone secretion and influence of superfusion on the preservation of the tissue, 13 (1987) 1

Effect of chronic treatment with bromocryptine on the corpus luteum function of the cow, 14 (1987) 95

Activity of Δ^5-3β-hydroxysteroid dehydrogenase, succinate dehydrogenase, and glucose-6-phosphate dehydrogenase in bovine luteinized follicular cysts and corpora lutea of estrous cycle: a quantitative histochemical study, 15 (1987) 145

Characterization of short luteal cycles in the early post-partum period and their relation to reproductive performance of dairy cows, 16 (1988) 215

Bovine luteal cell activity in culture. Maintenance of steroidogenesis by high density lipoprotein containing high or low beta-carotene concentrations, 17 (1988) 165

Absence of high-affinity binding sites for prolactin on the bovine corpus luteum, 18 (1989) 87

Effects of human chorionic gonadotropin pretreatment on endocrine, cytological and prostaglandin $F_{2\alpha}$ receptor patterns of the bovine corpus luteum, 19 (1989) 179

The effect of oxytocin on progesterone secretion and of $PGF_{2\alpha}$ on oxytocin secretion from bovine luteal and granulosa cells in culture, 22 (1990) 297

Luteal life span induced by hCG in *Bos taurus* x *Bos indicus* beef heifers treated with norgestomet for different periods, 24 (1991) 159

Cattle — diagnostics

The use of ultrasonography for the study of the bovine reproductive tract, I. Normal and pathological ovarian structures, 12 (1986) 157

Cattle — embryology

Embryonic development in repeat breeder and virgin heifers seven days after insemination, 4 (1981/1982) 189

Transrectal real-time ultrasound scanning for diagnosing pregnancy and for monitoring embryonic mortality in dairy cattle, 10 (1986) 193

Embryonic development in superovulated dairy cattle exposed to elevated ambient temperatures between the onset of estrus and insemination, 19 (1989) 37

Cattle — endocrinology

Control of oestrus in cattle using progesterone coils, 1 (1978) 145

Seminal ribonuclease of bulls—biosynthesis in normal and orchitic bulls and correlation with blood plasma hormone levels, 3 (1980) 1

Luteinizing hormone response to injection of synthetic gonadotrophin releasing hormone or infusion of oestradiol-17β in heifers, 3 (1980) 17

Direct radioimmunoassay of progesterone in milk using a radioiodinated progesterone derivative, 3 (1980) 113

The response of lactating Africander cows to treatment with a progesterone-releasing intravaginal device or injection of synthetic GnRH, 3 (1980) 181

The effectiveness of steers and heifers treated with oestrogen or testosterone to detect oestrus in cattle, 3 (1980/1981) 259

Serum hormone levels and occurrence of oestrus following use of an intravaginal device containing progesterone and oestradiol 17β in heifers, 3 (1980/1981) 271

A method to evaluate various parameters of progesterone production in beef cows, using the levels of progesterone in peripheral blood sampled on specific days of the oestrous cycle, 3 (1980/1981) 279

Plasma androstenedione after injections of dexamethasone and luteinizing hormone releasing hormone in young postpubertal bulls, 4 (1981) 1

Concentrations of oestradiol-17β and progesterone in the plasma of dairy heifers before and after cloprostenol-induced and natural luteolysis and during early pregnancy, 4 (1981) 93

The effect of trenbolone acetate on the bovine oestrous cycle, 4 (1981) 107

^{3}H-Oestradiol-17β counter current transfer from the ovarian vein into the ovarian artery in cows, 4 (1981/1982) 199

Plasma progesterone levels in superovulated cattle in relation to hatched embryo sizes, ovulation rates, and premature regression of corpora lutea, 4 (1981/1982) 207

Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

Progesterone, 17α-hydroxyprogesterone, androgens and oestrogens in bovine ovarian cysts, 5 (1982/1983) 175

Relationships between intravaginal electrical resistance, cervicovaginal mucus characteristics and blood progesterone and LH, 5 (1982/1983) 259

Efficiency of pituitary extracts (FSH) for induction of superovulation in cattle, 6 (1983) 11

The effect of exogenous progesterone on plasma LH and milk progesterone concentrations in multiple-suckling postpartum cows, 6 (1983) 103

Progesterone production by dispersed luteal cells of non-pregnant cows: effects of oxytocin and oestradiol, 7 (1984) 441

Effects of an agonist of gonadotrophin releasing hormone in cattle, I. Hormone concentrations and oestrous cycle length, 8 (1985) 203

Effects of an agonist of gonadotrophin releasing hormone in cattle, II. Interactions with injected prostaglandin $F_{2\alpha}$ and unilateral ovariectomy, 8 (1985) 213

Superovulation in cows: a relationship between progesterone secretion before ovulation and the quality of embryos, 8 (1985) 327

Effect of intermittent injections of gonadotrophin releasing hormone at various frequencies on the release of luteinizing hormone and ovulation in dairy cows, 8 (1985) 335

Effect of active immunization against androstenedione on ovarian function in dairy cows and prepubertal gilts, 8 (1985) 349

Lack of influence of mounting on plasma FSH, LH and testosterone concentrations in azoospermic and normospermic young bulls, 9 (1985) 111

Comparative study of the concentrations of peripheral progesterone before and after $PGF_{2\alpha}$ injection between *Bos taurus* (Brown Swiss) and *Bos indicus* (Indobrazil) in the tropics, 9 (1985) 333

Twenty-four-hour secretory patterns of cortisol, progesterone and estradiol in heifers during the follicular and luteal phases of the ovarian cycle, 9 (1985) 341

The effect of epostane (Win32739), an inhibitor of 3β-hydroxy steroid dehydrogenase, on luteal function and gonadotrophin secretion in cows, 10 (1986) 91

Development and validation of an enzyme immunoassay for progesterone in bovine milk or blood plasma, 10 (1986) 201

Peripheral plasma concentrations of oestradiol, progesterone, cortisol, LH and prolactin during the oestrous cycle in the cow, with emphasis on the peri-oestrous period, 10 (1986) 275

Effects of an agonist of gonadotrophin releasing hormone (Buserelin) in cattle, III. Pregnancy rates after a postinsemination injection during metoestrus or dioestrus, 11 (1986) 1

Studies on serum progesterone levels in

Zebu x Holstein heifers during pre- and peripubertal periods, 11 (1986) 11

Plasma concentrations of progesterone in ovariectomized and prepubertal heifers following intravaginal and intramuscular administration of progesterone, 11 (1986) 81

The superovulation response of *B. taurus* and *B. indicus* cattle following treatment with follicle stimulating hormone and progesterone, 11 (1986) 91

Seasonal changes in plasma concentrations of prolactin, LH, FSH, and testosterone in young adult bulls, 13 (1987) 165

Prolactin secretion in cattle as affected by haloperidol and α-methyl-*p*-tyrosine, 13 (1987) 239

Pituitary responses to a challenge test of GnRH and oestradiol benzoate in postpartum and regularly cyclic dairy cows, 14 (1987) 1

Prepubertal and peripubertal changes in secretory patterns of LH and FSH in beef heifers, 14 (1987) 85

Epitestosterone and oestrogen concentration in plasma of cows during induction of parturition with prostaglandin $F_{2\alpha}$, 14 (1987) 245

The involvement of progesterone and luteinizing hormone in the termination of the post-ovulatory rise in plasma oestradiol-17β concentration in cattle, 15 (1987) 27

Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

Correlation of the mating behaviour of bulls with patterns of gonadotrophins and oestrogens in oestrous cows, 15 (1987) 95

Early cycle FSH-p priming as a prelude to superovulating gonadotropin administration in ewes and heifers, 16 (1988) 97

Levels of LH, progesterone and estradiol-17β during natural and $PGF_{2\alpha}$-induced estrus in Indobrazil and Brown Swiss cows in the tropics, 16 (1988) 199

Sensitive enzyme immunoassay of progesterone in skim milk using second-antibody technique, 16 (1988) 225

Bovine salivary progesterone: application to the assessment of ovarian function and early pregnancy diagnosis, 17 (1988) 1

The development of subcutaneous-delivery preparations of GnRH for the induction of ovulation in acyclic sheep and cattle, 17 (1988) 33

Concentration of growth hormone, prolactin and cortisol in fetal and maternal blood and amniotic fluid during late pregnancy and parturition in cows with cannulated fetuses, 17 (1988) 51

Effects of bull seminal plasma extract on release of FSH and LH by GnRH injection in pubertal beef bulls, 17 (1988) 177

Mammary secretion of oestrogens and prostaglandin $F_{2\alpha}$ in cows near parturition, 17 (1988) 297

Prolactin secretion after hypophysial stalk transection in prepuberal beef heifers, 18 (1989) 61

Pituitary and ovarian responses to prolonged administration of low doses of GnRH in prepubertal heifers, 18 (1989) 111

Follicular growth and endocrine patterns of prepuberal heifers administered bovine follicular fluid and (or) follicle stimulating hormone, 18 (1989) 227

Effects of human chorionic gonadotropin pretreatment on endocrine, cytological and prostaglandin $F_{2\alpha}$ receptor patterns of the bovine corpus luteum, 19 (1989) 179

Determining sex of the bovine fetus by ultrasonic assessment of the relative location of the genital tubercle, 19 (1989) 217

Serum inhibin, FSH, LH and testosterone levels and testicular inhibin content in beef bulls from birth to puberty, 20 (1989) 165

Ovarian control of gonadotrophin secretion in the prepubertal heifer, 21 (1989) 1

Hormonal correlates of ovarian alterations in bovine freemartin fetuses, 22 (1990) 181

Ovulatory responses to continuous administration of GnRH in nine-month-old prepubertal beef heifers, 22 (1990) 271

Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows, 22 (1990) 289

The effect of oxytocin on progesterone secretion and of $PGF_{2\alpha}$ on oxytocin secretion from bovine luteal and granulosa cells in culture, 22 (1990) 297

Differences in gonadotrophin secretion post partum between Zebu and European breed cattle, 22 (1990) 311

Estrual rise in body temperature in the bovine, I. Temporal relationships with serum patterns of reproductive hormones, 23 (1990) 89

Plasma LH and FSH after estradiol, norgestomet and Gn-RH treatment in ovariectomized beef heifers, 23 (1990) 263

Effects of a GnRH agonist (Buserelin) on LH secretion in post-partum beef cows, 24 (1991) 1

The effect of GnRH administered to dairy cows during oestrus on plasma LH and conception in relation to the time of treatment and insemination, 24 (1991) 13

Effects of GnRH on preovulatory endocrinology and oocyte maturation in PMSG-superovulated cows, 24 (1991) 37

Ovarian endocrine activity and development of ovarian follicles during the postpartum interval in beef cows, 24 (1991) 173

Gonadotropin-releasing hormone receptors in anterior pituitaries of cattle during the estrous cycle, 24 (1991) 185

The association of the pre-ovulatory surge of LH and conception in beef cattle, 24 (1991) 205

Effect of single lactation treatment with recombinant bovine growth hormone on reproductive performance in dairy cows, 24 (1991) 211

Effect of $PGF_{2\alpha}$ analogue on ovarian oxytocin and progesterone release in heifers: catecholamines are not involved in this process, 25 (1991) 1

Systemic 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ (PGFM) response to exogenous estradiol by luteal heifers on Days 14 and 19 of the estrous cycle and on Day 19 of pregnancy, 25 (1991) 31

Effects of human chorionic gonadotropin (hCG) pretreatment on endocrine and behavioural responses of dairy cattle to exogenous prostaglandin $F_{2\alpha}$, 25 (1991) 97

Cattle — fertility

Plasma hormone response after acupuncture treatment of bovine subfertility, 11 (1986) 173

Cattle — genetics

XY gonadal dysgenesis in a Charolais heifer, 1 (1978) 9

Cattle — laparoscopy

The effects of repeated laparoscopic surgery used for ovarian examination and follicular aspiration in cows, 9 (1985) 25

Cattle — male reproduction

Cytotoxic effect of structurally modified bull seminal ribonuclease (AS RNase), 1 (1978/1979) 193

Fine structure of the modified Sertoli cells in the terminal segment of the seminiferous tubules of the bull, ram and goat, 2 (1979) 343

Seminal ribonuclease of bulls—biosynthesis in normal and orchitic bulls and correlation with blood plasma hormone levels, 3 (1980) 1

The haemolytic factor (phospholipid-binding protein) of the bull reproductive tract—its synthesis and effect on spermatozoal cytoplasm droplets, 3 (1980) 195

Synthesis of phospholipid-binding protein in the reproductive organs of the bull during ontogenesis, 3 (1980) 207

Plasma androstenedione after injections of dexamethasone and luteinizing hormone releasing hormone in young post-pubertal bulls, 4 (1981) 1

Seminal ribonuclease synthesis in bull reproductive organs during ontogenesis, 4 (1981) 9

Behaviour and mating performance of paddock-mated beef bulls, 6 (1983/1984) 153

Quality, freezability and fertility of the semen of pre-selected A.I. bulls carrying various chromosome aberrations, 6 (1983/1984) 167

Relationships among spermatozoal abnormalities and the selenium concentration of blood plasma, semen, and reproductive tissues in young bulls, 7 (1984) 315

The phospholipid-binding protein of the reproductive tract of the bull—effect on the removal of spermatozoal cytoplasm droplets in other species and influence of antibodies on its reactivity, 7 (1984) 433

Abnormalities of testicular origin in the neck region of bull spermatozoa, 8 (1985) 151

Monoclonal antibodies to bull sperm surface antigens, 9 (1985) 101

Lack of influence of mounting on plasma FSH, LH and testosterone concentrations in azoospermic and normospermic young bulls, 9 (1985) 111

Effects of scrotal insulation and unilateral vasoligation on ejaculate characteristics and sperm reserves in the bull, 10 (1986) 11

Maintenance of motility of bull spermatozoa by a low molecular weight factor(s) released from cultured embryonic cells, 10 (1986) 185

Seasonal changes in plasma concentrations of prolactin, LH, FSH, and testosterone in young adult bulls, 13 (1987) 165

Transaminases in cattle and buffalo (*Bubalus bubalis*) semen in relation to fertility and seminal characteristics during moderate and colder seasons, 13 (1097) 177

The effect of glutathione on the motility and fertility of frozen bull sperm, 13 (1987) 249

Repeatability of reproductive performance of beef bulls as yearlings and two-year-olds at pasture, 14 (1987) 21

Influence of season on characteristics of the ejaculate from bulls in an artificial insemination centre in Nigeria, 14 (1987) 187

Correlation of the mating behaviour of bulls with patterns of gonadotrophins and oestrogens in oestrous cows, 15 (1987) 95

The effect of ions and caffeine on the maintenance of motility of bovine spermatozoa diluted in egg yolk buffers, 15 (1987) 161

The effect of protein intake on body weight, scrotal circumference and semen production of Bunaji bulls and their Friesian crosses in Nigeria, 16 (1988) 1

Epididymal sperm reserves in 12-month-old Angus and Hereford bulls: effects of bull strain plus dietary energy, 16 (1988) 169

Seasonal and monthly variations in the incidence of morphological abnormalities

in bovine spermatozoa in Shika, Zaria, Northern Nigeria, 17 (1988) 61

Effects of bull seminal plasma extract on release of FSH and LH by GnRH injection in pubertal beef bulls, 17 (1988) 177

Seasonal changes in total and selenium-dependent glutathione peroxidase activity in bovine semen in relation to lipid peroxide, 17 (1988) 303

Testing capacitation of bull sperm with zona-free hamster ova, 18 (1989) 95

Penetration of cervical mucus and other body fluids by bull sperm in capillary tubes, 18 (1989) 161

Genetic studies on fertility in A.I. bulls, I. Age, season and genetic effects on semen characteristics in young bulls, 19 (1989) 1

Regulation of plasminogen activator secretion in Sertoli cells of the calf testis, 20 (1989) 1

Regulation of transferrin secretion in Sertoli cells of the calf testis, 20 (1989) 11

Lipid peroxidation in testis and epididymis of the bull, 20 (1989) 83

Serum inhibin, FSH, LH and testosterone levels and testicular inhibin content in beef bulls from birth to puberty, 20 (1989) 165

The correlation between the viability of bovine spermatozoa preserved at ambient temperature and the activity of transferases, 22 (1990) 319

Effects of caffeine on bull semen quality and sperm penetration into cervical mucus, 23 (1990) 13

Some effects of collection equipment, glycerolation, and post-thaw re-equilibration times on the motility and survival of bovine spermatozoa, 24 (1991) 53

Effect of novidium (homidium chloride) chemotherapy on elevated spermatozoa morphological abnormalities in the semen of Zebu bulls infected with *Trypanosoma vivax* and *Trypanosoma congolense*, 24 (1991) 249

Cattle — mixed-species calves

The production of mixed-species *Bos taurus–Bos indicus* twin calves, 6 (1983) 79

Cattle — oestrus

Control of oestrus in cattle using progesterone coils, 1 (1978) 145

Onset of oestrus and fertility in lactating dairy cows injected with an analogue of prostaglandin $F_{2\alpha}$, cloprostenol, 3 (1980) 171

The response of lactating Africander cows to treatment with a progesterone-releasing intravaginal device or injection of synthetic GnRH, 3 (1980) 181

The effectiveness of steers and heifers treated with oestrogen or testosterone to detect oestrus in cattle, 3 (1980/1981) 259

Serum hormone levels and occurrence of oestrus following use of an intravaginal device containing progesterone and oestradiol 17β in heifers, 3 (1980/1981) 271

The effect of "Estrumate" followed by progesterone coils on oestrus synchronization and conception of post-partum beef and dairy cows, 4 (1981) 117

Remote temperature sensing of oestrous cycles in cattle, 4 (1981/1982) 261

An intravulvosubmucous injection of prostaglandin $F_{2\alpha}$ in anoestrous cows, 5 (1982) 1

Analyses of the variation in the interval from an injection of prostaglandin $F_{2\alpha}$ to oestrus as a method of studying patterns of follicle development during dioestrus in dairy cows, 6 (1983/1984) 245

Comparison of females treated with oestradiol or testosterone to detect oestrus in dairy cattle maintained indoors year-round, 9 (1985) 119

A comparison of three methods of oestrus detection in commercial dairy herds verified by serum progesterone analysis, 10 (1986) 1

Sequential endocrine changes and behaviour during oestrus and metoestrus in repeat breeder and virgin heifers, 10 (1986) 261

Effect of a teaser bull on ovarian and behavioural activity of suckling beef cows, 14 (1987) 263

Oestrous behaviour of Baoule cows (*Bos taurus*) in Burkina Faso, 21 (1989) 153

Cell density, fluid volume and electrolyte content of bovine vulvar tissue during oestrus and dioestrus, 22 (1990) 281

Variation in the milk production, activity rate and electrical impedance of cervical mucus over the oestrous period of dairy cows, 24 (1991) 231

The use of lower doses of the prostaglandin analogue, cloprostenol, for oestrus synchronization in heifers, 25 (1991) 93

Cattle — ovary

Endoscopy in cattle: techniques for ovarian examination by the paralumbar and mid-ventral routes, 4 (1981) 127

^{3}H-Oestradiol-17β counter current transfer from the ovarian vein into the ovarian artery in cows, 4 (1981/1982) 199

Number and quality of oocytes in relation to age of cattle, 7 (1984) 451

Comparison of two methods for recovery of ovarian oocytes from slaughter cattle, 7 (1984) 461

Postpartal ovarian activity of healthy cows and those affected by subclinical metabolic disorders, 9 (1985) 125

Seasonal variation in the ovarian activity of beef cows assessed by monitoring progesterone concentrations, 10 (1986) 251

Follicular populations during the estrous cycle in heifers, I. Influence of day, 14 (1987) 165

Follicular populations during the estrous cycle in heifers, II. Influence of right and left sides and intraovarian effect of the corpus luteum, 14 (1987) 177

Follicular populations during the estrous cycle in heifers, III. Time of selection of the ovulatory follicle, 16 (1988) 81

Chronic treatment with bromocryptine during the oestrous cycle of the cow: evidence that prolactin is not involved in preovulatory follicular growth, 17 (1988) 21

A note on fertility of cyclic beef females following acute unilateral ovariectomy, 18 (1989) 155

Ovarian follicular populations in buffaloes and cows, 19 (1989) 171

Composition and characteristics of follicular waves during the bovine estrous cycle, 20 (1989) 187

Effect of day of prostaglandin $F_{2\alpha}$ treatment on selection and development of the ovulatory follicle in heifers, 23 (1990) 169

A quantitative comparison in the bovine of steroids and gonadotropin receptors in normally developing follicles and in follicular and luteinized cysts, 23 (1990) 273

Ovarian endocrine activity and development of ovarian follicles during the postpartum interval in beef cows, 24 (1991) 173

Continued periodic emergence of follicular waves in non-bred progesterone-treated heifers, 24 (1991) 193

The effect of intra-aortic infusion of prostaglandin E-2 on luteal function of mid-cycle heifers, 24 (1991) 217

Cattle — ovulation

Concentrations of oestradiol-17β and progesterone in the plasma of dairy heifers before and after cloprostenol-induced and natural luteolysis and during early pregnancy, 4 (1981) 93

Multiple ovulation resulting from low level administration of PMSG to cattle at different stages of the oestrous cycle, 5 (1982) 85

A preliminary report on the treatment of ovulation failure in cows with gonadotropin-releasing hormone analog or human chorionic gonadotropin combined with insemination, 7 (1984) 489

Superovulation in cows: a relationship between progesterone secretion before ovulation and the quality of embryos, 8 (1985) 327

Effect of intermittent injections of gonadotrophin releasing hormone at various frequencies on the release of luteinizing hormone and ovulation in dairy cows, 8 (1985) 335

Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

The development of subcutaneous-delivery preparations of GnRH for the induction of ovulation in acyclic sheep and cattle, 17 (1988) 33

Return to cyclic ovarian activity following parturition in mature cows and first-calf beef heifers exposed to bulls, 19 (1989) 209

Estrual rise in body temperature in the bovine, I. Temporal relationships with serum patterns of reproductive hormones, 23 (1990) 89

Estrual rise in body temperature in the bovine, II. The temporal relationship with ovulation, 23 (1990) 99

Cattle — parturition

A note on the relationship between barometric pressure and calving incidence, 1 (1978) 3

Physiopathology of parturition, 2 (1979) 149

Observations concerning the functional status of the corpus luteum and the placenta around parturition in the cow, 2 (1979) 253

Oxytocin determination by RIA in cows around parturition, 2 (1979) 267

Peripartal changes in plasma progesterone and 15-keto-13,14-dihydro-prostaglandin $F_{2\alpha}$ concentrations in Holstein cows with or without retained foetal membranes, 7 (1984) 497

Epitestosterone and oestrogen concentration in plasma of cows during induction of parturition with prostaglandin $F_{2\alpha}$, 14 (1987) 245

External signs of preparation for calving and course of parturition in Swedish dairy cattle breeds, 15 (1987) 61

The influence of relative birth weight and certain other factors on calving performance in Swedish dairy cattle breeds, 15 (1987) 81

Dystocia, pelvic and cervical dilatation in beef heifers after induction of parturition with relaxin combined with cloprostenol or dexamethasone, 16 (1988) 237

Mammary secretion of oestrogens and prostaglandin $F_{2\alpha}$ in cows near parturition, 17 (1988) 297

Vulvar electrical impedance in periparturient cows and its relation to plasma progesterone, oestradiol-17β and PGFM, 23 (1990) 283

Cattle — placenta

The bovine intercaruncular placentra throughout gestation, 12 (1987) 241

Factors affecting occurrence of retained placenta in cattle. Effect of sire on incidence, 25 (1991) 11

Cattle — postpartum period

Fertility in the Afrikaner cow 3. Once a day suckling and its effect on the pattern of resumption of ovarian activity and conception rate in early lactation, 12 (1986) 1

The effect of treatment with a GnRH analogue on postpartum reproductive performance in Friesian cows, 12 (1986) 99

Characterization of ovarian activity in postpartum dairy cows using ultrasound imaging and progesterone profiles, 22 (1990) 171

Differences in gonadotrophin secretion post partum between Zebu and European breed cattle, 22 (1990) 311

Cattle — pregnancy

Pregnancy testing of cows by determining progesterone levels in milk, 4 (1981/1982) 181

Prostaglandin dynamics associated with development of the bovine conceptus, 7 (1984) 149

Control of prostanoid synthesis in bovine trophoblast and placentome, 7 (1984) 177

The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, I. Concentrations of 15-keto-13,14-dihydroprostaglandin $F_{2\alpha}$ and progesterone in peripheral blood of recipients of transferred embryos, 7 (1984) 195

The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, II. Urinary levels of 11-ketotetranor PGF metabolites and plasma progesterone concentrations during the oestrous cycle and early pregnancy, 7 (1984) 217

Susceptibility of the bovine corpus luteum to exogenous prostaglandins during pregnancy—practical considerations, 7 (1984) 235

Intraovarian effect of the corpus luteum on ovarian follicles during early pregnancy in heifers, 15 (1987) 53

Characterization of the uterine environment during early conceptus expansion in the bovine, 16 (1988) 11

Bovine salivary progesterone: application to the assessment of ovarian function and early pregnancy diagnosis, 17 (1988) 1

Cattle — prostaglandin synthesis

Modulation of uterine prostaglandin biosynthesis by pregnant and nonpregnant cows at day 17 post-estrus in response to in vivo and in vitro heat stress, 20 (1989) 31

Cattle — prostaglandins

Prostaglandin induced early abortions in the bovine. Clinical outcome and endogenous release of prostaglandin $F_{2\alpha}$ and progesterone, 3 (1980/1981) 289

Cattle — puberty

Prepubertal and peripubertal changes in secretory patterns of LH and FSH in beef heifers, 14 (1987) 85

Puberty in heifers: a review, 18 (1989) 167

Cattle — reproductive performance

The contribution of bulls and cows to the seasonal differences in the fertility of dairy cattle in Israel, 5 (1982) 93

Reproductive performance and fatty liver in Guernsey cows, 5 (1982/1983) 275

Reproductive function in beef cows calving in the spring or fall, 6 (1983/1984) 255

Reproduction in dairy cattle: effect of age, cow condition, production level, calving-to-first-service interval and the 'male', 7 (1984) 305

Fertility in the Afrikaner cow 2. Ovarian recovery and conception in suckled and non-suckled cows post partum, 8 (1985) 315

Livestock production in central Mali: reproductive aspects of sedentary cows, 9 (1985) 1

Some factors related to calf crops of Brahman, Brahman crossbred and Hereford × Shorthorn cows in a stressful tropical environment, 15 (1987) 1

Effect of beta-carotene supplementation on periparturient health and reproduction of Holstein cows, 15 (1987) 139

The influence of parasitic infestations on metabolism, puberty and first mating performance of heifers grazing in a tropical area, 16 (1988) 177

Factors influencing pregnancy rate and calving date in four breeds of beef cows on an Ozark mountain range, 18 (1989) 243

Effect of single lactation treatment with recombinant bovine growth hormone on reproductive performance in dairy cows, 24 (1991) 211

Cattle — reproductive technology

The use of embryo transfer in the field for increased calf crops in beef and dairy cattle, 2 (1979) 353

Some factors affecting the viability of mouse and cattle embryos frozen to −40°C before transfer to liquid nitrogen, 4 (1981) 65

The influence of culture temperature on in vitro maturation of bovine oocytes, 9 (1985) 205

Effects of gonadotropins and steroids on the subsequent fertilizability of extrafollicular bovine oocytes cultured in vitro, 9 (1985) 323

Pregnancy rate after synchronous and asynchronous transfer of frozen-thawed bovine embryos, 11 (1986) 181

Effect of temperature on the ultrastructure of bovine oocytes in culture, 12 (1986) 13

In vitro development of in vitro fertilized bovine follicular oocytes obtained by laparoscopy, 12 (1986) 21

Fertilization of bovine oocytes in vitro: effect of different sources of gametes on fertilization rate and frequency of fertilization anomalies, 16 (1988) 207

Development to the late morula or blastocyst stage following in vitro maturation and fertilization of bovine oocytes, 18 (1989) 139

Development of day 7 bovine demi-embryos transferred into virgin and repeat-breeder heifers, 21 (1989) 161

The assessment of follicular parameters for the selection of oocytes recovered from superovulated heifers, 23 (1990) 181

Maternal influence on the early development of asynchronously transferred bovine embryos, 24 (1991) 25

The effect of season and suckling on embryo quality from superovulated Welsh Black cows, 25 (1991) 181

Effect of LH-RH on meiotic maturation of preovulatory oocytes in superovulated heifers, 25 (1991) 189

Cattle — retained placenta

Relationship of physiological factors to placental retention in dairy cattle, 9 (1985) 31

Factors related to the etiology of retained placenta in dairy cattle, 14 (1987) 251

Involution, pathology and histology of the uterus in dairy cattle with retained placenta and uterine discharge following GnRH, 21 (1989) 11

Factors affecting occurrence of retained placenta in cattle. Effect of sire on incidence, 25 (1991) 11

Cattle — sperm transport

The rate of functional sperm transport into the oviducts of mated cows, 5 (1982/1983) 167

Cattle — uterus

Histochemical identification of the glycocalyx layer in the bovine oviduct and endometrium, 3 (1980) 189

Column chromatography and electrophoresis of bovine uterine lumenal proteins collected during the estrous cycle, 9 (1985) 11

Bovine endometrial epithelium ultrastructure 6 and 7 days post-breeding, 10 (1986) 293

Uterine protein profiles in ovariectomized dairy cows administered progesterone and estradiol-17β, 11 (1986) 161

The use of ultrasonography for the study of the bovine reproductive tract, II. Non-pregnant, pregnant and pathological conditions of the uterus, 12 (1986) 167

Progesterone receptors in the endometrium of normal and repeat-breeder cows, 14 (1987) 11

Effect of uterine luminal perfusion of $PGF_{2\alpha}$ and PGE_2 on uterine vasomotor response and $PGF_{2\alpha}$ output in cyclic cattle, 14 (1987) 103

Prepartum and postpartum glycogen accumulation in bovine uterine arteries, 16 (1988) 191

Cytosol estrogen and progesterone receptors in bovine endometrium after uterine involution postpartum and in the estrous cycle, 17 (1988) 9

Cattle — vagina

The association between changes in the intravaginal electrical resistance and the in vitro measurements of vaginal mucus electrical resistivity in cattle, 5 (1982/1983) 323

Cattle — vulva

Changes in electrical resistance of vulvar tissue in Holstein cows during ovarian cycles and after treatment with prostaglandin $F_{2\alpha}$, 18 (1989) 183

Cell density, fluid volume and electrolyte content of bovine vulvar tissue during oestrus and dioestrus, 22 (1990) 281

Cellular vestment

Observations on the loss of the cellular vestment surrounding superovulated sheep oocytes, 15 (1987) 169

Cervicovaginal mucus characteristics

Relationships between intravaginal electrical resistance, cervicovaginal mucus characteristics and blood progesterone and LH, 5 (1982/1983) 259

The association between changes in the intravaginal electrical resistance and the in vitro measurements of vaginal mucus electrical resistivity in cattle, 5 (1982/1983) 323

Changes in the contents of buffalo cervical mucus during different phases of the oestrous cycle, 22 (1990) 203

Variation in the milk production, activity rate and electrical impedance of cervical mucus over the oestrous period of dairy cows, 24 (1991) 231

Cervix

The cervix of the sheep and goat during parturition, 2 (1979) 209

Cervical mucus and oestrous behaviour responses to oestrogens in sheep: progesterone–oestrogen relationships and role of progesterone pretreatment, 3 (1980) 137

Differential responsiveness to oxytocin of the uterus and cervix in the ovariectomized ewe, 7 (1984) 421

Gross and histological changes of the postpartum genitalia of Savanna Brown goats, 14 (1987) 65

Dystocia, pelvic and cervical dilatation in beef heifers after induction of parturition with relaxin combined with cloprostenol or dexamethasone, 16 (1988) 237

Preliminary study on treatment of ringwomb in Iraqi goats, 18 (1989) 199

Chicken

Inhibitory effect of serotonin on ovulation in the domestic fowl, *Gallus domesticus*, 1 (1978) 69

Prevention of the production of lipid peroxide in rooster spermatozoa, 7 (1984) 385

Prolonged motility of fowl spermatozoa in vitro due to a low molecular weight factor(s) released from cultured embryonic cells, 9 (1985) 181

The phospholipid-bound fatty acids of fowls and turkey spermatozoa, 9 (1985) 189

Some effects of the composition of inseminated semen and the site of its deposition on fertility in *Gallus domesticus*, 9 (1985) 273

The effect of hemicastration on sperm reserves of cockerels on a restricted dietary intake. Sperm reserves and deposition of sperm in different strains of cockerels, 9 (1985) 285

The effect of cryopreservation at −196°C on the viability of fowl and turkey spermatozoa assessed in vitro, 10 (1986) 317

Spermatogenic activities of the left and right testes of hemicastrated and intact cockerels, 14 (1987) 157

Factors related to decreased testosterone concentrations in the peripheral circulation of the maturing male chicken (*Gallus domesticus*) fed aflatoxin, 18 (1989) 25

Optimal insemination interval, semen dose and dilution for optimum fertility in chickens under humid tropical conditions, 20 (1989) 179

Influence of substance P on myoelectrical activity of the infundibulum, uterus and vagina in the conscious domestic hen, 21 (1989) 283

Influence of substance P on in vitro motility of the oviduct and intestine in the domestic hen, 21 (1989) 293

Stimulation of the motility and oxygen consumption of fowl spermatozoa by bicarbonate at 40°C, 21 (1989) 301

Angiotensin-converting-enzyme activity in epididymis, vas deferens and spermatozoa of domestic cock (*Gallus domesticus*), 23 (1990) 349

Chimaerism

Synthesis of primary *Bos taurus–Bos indicus* chimaeric calves, 6 (1983) 91

Chondroitin sulphate

Some effects of chondroitin sulphate on the in-vitro acrosome reaction in ram spermatozoa, 12 (1986) 151

Cineradiography

Cineradiography of uterine motility in the cycling ewe, 1 (1978) 155

Circadian rhythms

Evidence for a circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 5 (1982) 65

Circadian function in the photoperiodic induction of testicular growth in the common Indian rosefinch, *Carpodacus erythrinus*, 5 (1982/1983) 223

Participation of the circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 9 (1985) 375

Follicular populations during the estrous cycle in heifers, I. Influence of day, 14 (1987) 165

CLIP

The fetal brain and parturition, 2 (1979) 63

Cloprostenol

Induction of parturition in crossbred sows with cloprostenol, an analogue of prostaglandin $F_{2\alpha}$, 3 (1980) 161

Onset of oestrus and fertility in lactating dairy cows injected with an analogue of prostaglandin $F_{2\alpha}$, cloprostenol, 3 (1980) 171

Concentrations of oestradiol-17β and progesterone in the plasma of dairy heifers before and after cloprostenol-induced and natural luteolysis and during early pregnancy, 4 (1981) 93

The effect of "Estrumate" followed by progesterone coils on oestrus synchronization and conception of post-partum beef and dairy cows, 4 (1981) 117

A clinical study on the effect of a Gram-negative bacterial endotoxin and cloprostenol in non-pregnant and 60-day-pregnant gilts, 10 (1986) 133

The effect of a Gram-negative bacterial endotoxin and cloprostenol on the plasma levels of 15-keto-13,14-dihydro-$PGF_{2\alpha}$, progesterone, oestradiol-17β, oestrone sulphate and luteinizing hormone in non-pregnant and 60-day-pregnant gilts, 10 (1986) 147

Doses of prostaglandin analogue "cloprostenol" by intravulvo-submucosal (IVSM) injections effective for the induction of oestrus in goats, 14 (1987) 139

Dystocia, pelvic and cervical dilatation in beef heifers after induction of parturition with relaxin combined with cloprostenol or dexamethasone, 16 (1988) 237

Luteolytic effect of a low dose of cloprostenol monitored by changes in vaginal resistance in suboestrous buffaloes, 21 (1989) 149

Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows, 22 (1990) 109

The use of lower doses of the prostaglandin analogue, cloprostenol, for oestrus synchronization in heifers, 25 (1991) 93

Coat growth

The timing of melatonin treatment affects the seasonal onset of ovarian activity, coat growth and live weight in young red deer hinds, 23 (1990) 49

Coincidence model

Does the internal coincidence model operate in the subtropical population of house sparrow, *Passer domesticus*?, 9 (1985) 295

Colchicine

Enhancing the mitotic index of blastomeres by thymidine synchronization, 6 (1983/1984) 239

Cold shock

The quantitative ultrastructural assessment of head membrane damage in boar spermatozoa subjected to varying degrees of cold shock, 16 (1988) 265

Conception

The effect of "Estrumate" followed by progesterone coils on oestrus synchronization and conception of post-partum beef and dairy cows, 4 (1981) 117

The association of the pre-ovulatory surge of LH and conception in beef cattle, 24 (1991) 205

Contraceptives

Comparison of α-chlorohydrin and two aromatic ketal analogues as antifertility agents in male rats, 21 (1989) 141

Controlled internal drugrelease dispensers

Plasma progesterone levels in ewes treated with progesterone-controlled internal drug-release dispensers, implants and sponges, 11 (1986) 187

Evaluation of progesterone controlled internal drug release dispensers for synchronization of estrus in sheep, 18 (1989) 205

Comparison of progesterone sponges, cronolone sponges and controlled internal drug release dispensers on fertility in anestrous ewes, 18 (1989) 219

Corpus luteum — buffalo

The accuracy of rectal diagnosis of corpora lutea in water buffalo (*Bubalus bubalis*), 6 (1983/1984) 185

Luteolytic effect of a low dose of cloprostenol monitored by changes in vaginal resistance in suboestrous buffaloes, 21 (1989) 149

Corpus luteum — cattle

Observations concerning the functional status of the corpus luteum and the placenta around parturition in the cow, 2 (1979) 253

The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, I. Concentrations of 15-keto-13,14-dihydroprostaglandin $F_{2\alpha}$ and progesterone in peripheral blood of recipients of transferred embryos, 7 (1984) 195

Susceptibility of the bovine corpus luteum to exogenous prostaglandins during pregnancy—practical considerations, 7 (1984) 235

Progesterone production by dispersed luteal cells of non-pregnant cows: effects of oxytocin and oestradiol, 7 (1984) 441

Functional status of the peri-partum bovine corpus luteum, 8 (1985) 193

The effect of epostane (Win32739), an inhibitor of 3β-hydroxy steroid dehydrogenase, on luteal function and gonadotrophin secretion in cows, 10 (1986) 91

Superfusion of bovine luteal tissue slices: basic secretion, influence of LH on progesterone secretion and influence of superfusion on the preservation of the tissue, 13 (1987) 1

Effect of chronic treatment with bromocryptine on the corpus luteum function of the cow, 14 (1987) 95

Follicular populations during the estrous cycle in heifers, II. Influence of right and left sides and intraovarian effect of the corpus luteum, 14 (1987) 177

Intraovarian effect of the corpus luteum on ovarian follicles during early pregnancy in heifers, 15 (1987) 53

Activity of Δ^5-3β-hydroxysteroid dehydrogenase, succinate dehydrogenase, and glucose-6-phosphate dehydrogenase in bovine luteinized follicular cysts and cor-

pora lutea of estrous cycle: a quantitative histochemical study, 15 (1987) 145

Characterization of short luteal cycles in the early post-partum period and their relation to reproductive performance of dairy cows, 16 (1988) 215

Bovine luteal cell activity in culture. Maintenance of steroidogenesis by high density lipoprotein containing high or low beta-carotene concentrations, 17 (1988) 165

Absence of high-affinity binding sites for prolactin on the bovine corpus luteum, 18 (1989) 87

Effects of human chorionic gonadotropin pretreatment on endocrine, cytological and prostaglandin $F_{2\alpha}$ receptor patterns of the bovine corpus luteum, 19 (1989) 179

The effect of oxytocin on progesterone secretion and of $PGF_{2\alpha}$ on oxytocin secretion from bovine luteal and granulosa cells in culture, 22 (1990) 297

Luteal life span induced by hCG in *Bos taurus* × *Bos indicus* beef heifers treated with norgestomet for different periods, 24 (1991) 159

The effect of intra-aortic infusion of prostaglandin E-2 on luteal function of mid-cycle heifers, 24 (1991) 217

Corpus luteum — horse

The effect of human chorionic gonadotrophin and exogenous progesterone on luteal function during early pregnancy in pony mares, 6 (1983/1984) 223

Hormonal control of early pregnancy in the mare, 7 (1984) 283

The development of fluid-filled luteal glands in mares, 17 (1988) 155

Ultrasonic echogenicity of developing corpora lutea in pony mares, 20 (1989) 143

Resurgence of the primary corpus luteum during pregnancy in the mare, 21 (1989) 261

Corpus luteum — llama

Form and function of the corpus luteum in llamas, 24 (1991) 127

Corpus luteum — mink

Luteal function in mink: the effects of hypophysectomy after the preimplantation rise in progesterone, 3 (1980) 225

Corpus luteum — pig

Evaluation of porcine corpora lutea during organ culture: a histological, ultrastructural and hormonal assessment, 4 (1981) 29

The influence of prolactin (PRL) on progesterone secretion by porcine luteal cells in vitro, 7 (1984) 351

Counter current transfer of ^3H-$PGF_{2\alpha}$ in the mesometrium: a possible mechanism for prevention of luteal regression, 11 (1986) 259

Prostaglandin $F_{2\alpha}$ back transfer from the mesometrium vasculature into the uterus of the gilt during early pregnancy and estrogen-induced pseudopregnancy, 13 (1987) 199

Luteal characteristics and embryonic survival in gilts treated with human chorionic gonadotrophin during early pregnancy, 15 (1987) 217

Endocrine changes associated with spontaneous luteolysis in sows, I. Temporal relationships among prolactin, prostaglandin $F_{2\alpha}$, progesterone and LH^3, 17 (1988) 115

Effect of intraluteal estradiol-17β implants on weight and progesterone secretion of porcine corpora lutea, 20 (1989) 221

Endocrine changes associated with spontaneous luteolysis in sows, II. Temporal

relationships among the concentrations of A_4, T, E_1 and E_2 measured in utero-ovarian vein plasma, 21 (1989) 53

Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows, 22 (1990) 109

Effect of intra-uterine oestradiol-17β administration on inter-oestrous interval in the pig, 24 (1991) 305

Effects of $PGF_{2\alpha}$ on pig corpora lutea following administration on Day 9 of the estrous cycle, 24 (1991) 335

Corpus luteum — sheep

Stimulation of seasonally anovular Merino ewes by rams, II. Premature regression of ram-induced corpora lutea, 1 (1978/1979) 291

Influence of Booroola Merino genotype on the responsiveness of ewes to pregnant mares serum gonadotrophin, luteal tissue weights and peripheral progesterone concentrations, 6 (1983/1984) 199

Cellular and molecular mechanisms involved in luteolysis and maternal recognition of pregnancy in the ewe, 7 (1984) 57

Ovarian oxytocin and luteal function in the early pregnant sheep, 7 (1984) 101

Persistence of luteal activity in the non-pregnant ewe, 7 (1984) 245

Effects of norgestomet-implants and fluorogestone acetate-impregnated sponges on oestrous cycle length and luteal function of ewes, 9 (1985) 63

First postpartum ovulations and corpora lutea in ewes which lamb in the breeding season, 10 (1986) 61

Effects of duration and timing of progesterone priming on the incidence of corpora lutea with a normal life-span in Merino ewes induced to ovulate by the introduction of rams, 13 (1987) 81

Effect of the corpus luteum on ovarian follicular populations and growth in the ewe, 13 (1987) 269

A new concept for control of folliculogenesis during pregnancy in ewes: role of the corpus luteum, 15 (1987) 113

Resumption of ovarian activity in post-partum ewes: carry-over effect of the corpus luteum of pregnancy, 19 (1989) 91

Attempts to improve the function of GnRH-induced corpora lutea in early post-partum ewes through oestradiol and/or PMSG priming or exogenous luteotrophin, 19 (1989) 245

Effects of ACTH and cortisol on luteolysis in the ewe, 20 (1989) 201

Corticosteroids

Effects of acute and chronic testicular hyperthermia on levels of testosterone and corticosteroids in plasma of boars, 7 (1984) 391

Twenty-four-hour secretory patterns of cortisol, progesterone and estradiol in heifers during the follicular and luteal phases of the ovarian cycle, 9 (1985) 341

Peripheral plasma concentrations of oestradiol, progesterone, cortisol, LH and prolactin during the oestrous cycle in the cow, with emphasis on the peri-oestrous period, 10 (1986) 275

Peripheral plasma oestradiol-17β, progesterone and cortisol in buffaloes induced to calve with dexamethasone and vetoestrol, 11 (1986) 111

Effect of pneumonectomy on fetal development and birth in the sheep, 11 (1986) 243

Direct effect of cortisol on androstenedione production by thecal cells from porcine ovarian follicles, 12 (1986) 39

Superovulation of cows with PMSG: variation in plasma concentrations of proges-

terone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

Effects of ACTH and cortisol on luteolysis in the ewe, 20 (1989) 201

Plasma LH, corticoid and sex steroid variations in camels (*Camelus dromedarius*) in relation to seasonal climatic changes, 21 (1989) 101

Direct effect of cortisol on steroid production by granulosa cells from PMSG-induced follicles of prepubertal gilts, 23 (1990) 75

Endocrine changes following infusion of fetal pigs with corticotropin in litters of reduced numbers, 23 (1990) 109

Cotyledons

Buffalo fetal cotyledons contain certain factors that suppress compensatory ovarian hypertrophy in mice, 22 (1990) 1

Coumestrol

Action of phyto-oestrogens coumestrol and genistein on cytosolic and nuclear oestradiol-17β receptors in immature rat uterus, 3 (1980) 233

Cronolone

Comparison of progesterone sponges, cronolone sponges and controlled internal drug release dispensers on fertility in anestrous ewes, 18 (1989) 219

Cryopreservation

Survival of goat embryos frozen and thawed rapidly, 16 (1988) 261

Some effects of collection equipment, glycerolation, and post-thaw re-equilibration times on the motility and survival of bovine spermatozoa, 24 (1991) 53

Cryptorchidism

Testosterone concentrations in normal and cryptorchid horses. Response to human chorionic gonadotrophin, 18 (1989) 43

Cyclo-oxygenase inhibitors

Evaluation of a fatty acid cyclo-oxygenase inhibitor as a potential agent for synchronizing oestrus and mating, 11 (1986) 223

Cystic endometrial hyperplasia

Characterization of cystic endometrial hyperplasia (CEH) in swine leukocyte antigen (SLA) miniature swine; serum hormone and endometrial estrogen receptor concentrations, 22 (1990) 99

Cystic ovaries

Progesterone, 17α-hydroxyprogesterone, androgens and oestrogens in bovine ovarian cysts, 5 (1982/1983) 175

Cytosol estrogen

Cytosol estrogen and progesterone receptors in bovine endometrium after uterine involution postpartum and in the estrous cycle, 17 (1988) 9

Cytotoxicity

Cytotoxic effect of structurally modified bull seminal ribonuclease (AS RNase), 1 (1978/1979) 193

Decidual reaction

The action of high doses of oestradiol on implantation and decidual reaction in the rat, 1 (1978) 93

Uterine histamine content in mast-cell deficient (W/W^V) mice during experimentally induced deciduoma formation, 14 (1987) 75

Deer

The influence of artificial photoperiod on the growth, appetite and reproductive status of male red deer and sheep, 6 (1983/1984) 291

Influence of plane of winter nutrition on plasma concentrations of prolactin and testosterone and their association with voluntary food intake in red deed stags (*Cervus elaphus*), 8 (1985) 247

Seasonal changes in the chemical composition of red deer (*Cervus elaphus*) semen, 9 (1985) 195

Plasma prolactin concentrations in barren, pregnant and lactating red deer (*Cervus elaphus*) given melatonin to advance the next breeding season, 18 (1989) 77

Plasma progesterone and LH concentrations during oestrous synchronization in female fallow deer (*Dama dama*), 19 (1989) 143

Embryonic development measured by ultrasonography and plasma progesterone concentrations in roe deer (*Capreolus capreolus* L.), 20 (1989) 155

Effect of subcutaneous melatonin implants on the seasonal attainment of puberty in female red deer (*Cervus elaphus*), 22 (1990) 145

The timing of melatonin treatment affects the seasonal onset of ovarian activity, coat growth and live weight in young red deer hinds, 23 (1990) 49

Plasma progesterone concentrations in cycling and in ovariectomised red deer hinds: the effect of progesterone supplementation and adrenal stimulation, 23 (1990) 61

Foetal ageing in farmed red deer using real-time ultrasonography, 25 (1991) 241

Dehydroepiandrosterone sulfate

Developmental patterns of plasma dehydroepiandrosterone sulfate and testosterone in male pigs, 3 (1980) 73

Dehydrogenase

The effect of epostane (Win32739), an inhibitor of 3β-hydroxy steroid dehydrogenase, on luteal function and gonadotrophin secretion in cows, 10 (1986) 91

Activity of Δ^5-3β-hydroxysteroid dehydrogenase, succinate dehydrogenase, and glucose-6-phosphate dehydrogenase in bovine luteinized follicular cysts and corpora lutea of estrous cycle: a quantitative histochemical study, 15 (1987) 145

Demi-embryos

Development of day 7 bovine demi-embryos transferred into virgin and repeat-breeder heifers, 21 (1989) 161

Dexamethasone

Plasma androstenedione after injections of dexamethasone and luteinizing hormone releasing hormone in young postpubertal bulls, 4 (1981) 1

Peripheral plasma oestradiol-17β, progesterone and cortisol in buffaloes induced to calve with dexamethasone and vetoestrol, 11 (1986) 111

Dystocia, pelvic and cervical dilatation in beef heifers after induction of parturition with relaxin combined with cloprostenol or dexamethasone, 16 (1988) 237

Diploid gametes

The distribution of diploid rabbit spermatozoa in the female tract after artificial insemination, 1 (1978/1979) 245

Dog

The effect of barium on the contractile mechanism of isolated dog uteri; influence of the hormonal state, 8 (1985) 375

Changes in acrosome morphology during cooling and freezing of dog semen, 12 (1986) 145

Dopamine

Prolactin secretion after hypophysial stalk transection in prepuberal beef heifers, 18 (1989) 61

Dystocia

Age of first breeding and incidence of dystocia and losses at parturition and postpartum in the indigenous Nigerian pig, 4 (1981) 149

Dystocia, pelvic and cervical dilatation in beef heifers after induction of parturition with relaxin combined with cloprostenol or dexamethasone, 16 (1988) 237

Preliminary study on treatment of ringwomb in Iraqi goats, 18 (1989) 199

Ear implant

Comparison of control of oestrus and ovulation in sheep by an ear implant (SC-21009) or by intravaginal sponge (Cronolone or MAP), 1 (1978/1979) 275

Editorial

Editorial, 6 (1983/1984) 243

EDTA

Ethylenediaminetetraacetic acid (EDTA) and caffeine are antagonistic to antirelaxin serum inhibition of porcine sperm motility, 22 (1990) 253

Egg yolk

The effect of egg yolk on the control of intracellular calcium in ram spermatozoa cooled and stored at 5°C, 15 (1987) 177

Electrical resistance

Changes in electrical resistance of vulvar tissue in Holstein cows during ovarian cycles and after treatment with prostaglandin $F_{2\alpha}$, 18 (1989) 183

Vulvar electrical impedance in periparturient cows and its relation to plasma progesterone, oestradiol-17β and PGFM, 23 (1990) 283

Electroejaculation

Studies on camel semen, I. Electroejaculation and some aspects of semen characteristics, 12 (1986) 213

Embryo culture

Embryo transfer to Mongolian gerbils during post partum pregnancy and pseudopregnancy, 11 (1986) 63

In vitro development of in vitro fertilized bovine follicular oocytes obtained by laparoscopy, 12 (1986) 21

Survival of rabbit embryos after culture or culture/freezing, 13 (1987) 221

Morphological scoring system for porcine (12 to 19 days old) embryonic development in vitro, 20 (1989) 299

Embryo freezing techniques

Some factors affecting the viability of mouse and cattle embryos frozen to −40°C before transfer to liquid nitrogen, 4 (1981) 65

The developmental potential of frozen-thawed hamster preimplantation embryos following embryo transfer: viability

of slowly frozen embryos following slow and rapid thawing, 9 (1985) 253

Survival of frozen-thawed rabbit morulae after synchronous or asynchronous transfer, 12 (1987) 305

Survival of rabbit embryos after culture or culture/freezing, 13 (1987) 221

Survival of goat embryos frozen and thawed rapidly, 16 (1988) 261

Some significant steps in the cryopreservation of mammalian embryos with a note in a vitrification procedure, 19 (1989) 117

Quick freezing of mouse embryos using ethylene glycol with lactose or sucrose, 22 (1990) 161

Embryo motility

The twisted umbilical cord: an expression of kinesis of the equine fetus?, 10 (1986) 163

Effect of exogenous estradiol on mobility and fixation of the early equine conceptus, 16 (1988) 159

Embryo sexing

Enhancing the mitotic index of blastomeres by thymidine synchronization, 6 (1983/1984) 239

Embryo storage

Storage of pig embryos in the ligated rabbit oviduct and its effect on the viability after re-transfer to synchronized gilts, 8 (1985) 159

Embryo survival

Ovarian morphology, plasma progesterone concentrations and early embryo survival in the sow, 5 (1982) 127

Transrectal real-time ultrasound scanning for diagnosing pregnancy and for monitoring embryonic mortality in dairy cattle, 10 (1986) 193

Survival of rabbit embryos after synchronous or asynchronous transfer, 12 (1987) 297

Survival of frozen-thawed rabbit morulae after synchronous or asynchronous transfer, 12 (1987) 305

Embryonic mortality caused by maternal heat stress during mouse oocyte maturation, 14 (1987) 309

Luteal characteristics and embryonic survival in gilts treated with human chorionic gonadotrophin during early pregnancy, 15 (1987) 217

Embryo technology

Collection of two-cell pig embryos and their culture in media containing different protein components, 4 (1981) 137

Culture of pig embryos collected in situ or after slaughter, 4 (1981) 143

Blastocyst expansion, hatching, and attachment of porcine embryos cocultured with bovine fibroblasts in vitro, 5 (1982) 57

Developmental capacity, size and number of nuclei in pig embryos cultured in vitro, 5 (1982/1983) 311

Energy and protein sources for development of pig embryos cultured beyond hatching in vitro, 7 (1984) 405

Mouse embryo development in media containing growth factors, 18 (1989) 125

Development to the late morula or blastocyst stage following in vitro maturation and fertilization of bovine oocytes, 18 (1989) 139

Development of porcine embryos following microsurgical blastomere transplantation, 24 (1991) 315

Effects of hCG, treatment on morula recovery in the rabbit and their survival after synchronous transfer, 24 (1991) 347

The effect of season and suckling on embryo quality from superovulated Welsh Black cows, 25 (1991) 181

Embryo transfer

Pregnancy rate after synchronous and asynchronous transfer of frozen-thawed bovine embryos, 11 (1986) 181

Rosette inhibition titres in pig sera before and after recovery of ova and following the transfer of embryos, 11 (1986) 195

Transfer of pig embryos collected by laparotomy or slaughter, 12 (1986) 109

Survival of rabbit embryos after synchronous or asynchronous transfer, 12 (1987) 297

Maternal influence on the early development of asynchronously transferred bovine embryos, 24 (1991) 25

Embryo transfer in lactating rabbit does by laparoscopy, 24 (1991) 343

Embryology

RNA and protein synthesis in preimplantation rabbit embryos, 1 (1978) 61

Factors influencing the in vitro hatching of mouse blastocysts, 1 (1978) 181

The sheep fetus at parturition, 2 (1979) 167

Maturational changes of the pituitary–adrenal axis in the fetal lamb, 2 (1979) 179

Fetal maturation related to parturition, 2 (1979) 193

Endocrine changes after foetal gonadectomy and during normal and induced parturition in the mare, 2 (1979) 271

Patterns of endocrine change in the pig foetus, 2 (1979) 289

Prostaglandins in the foetal pig and prepartum endocrine changes in mother and foetus, 2 (1979) 305

Toxicity of uterine fluids to rabbit embryos at the stage of eight cells or fewer, 3 (1980/1981) 335

Embryonic development in repeat breeder and virgin heifers seven days after insemination, 4 (1981/1982) 189

Plasma progesterone levels in superovulated cattle in relation to hatched embryo sizes, ovulation rates, and premature regression of corpora lutea, 4 (1981/1982) 207

Blastocyst expansion, hatching, and attachment of porcine embryos cocultured with bovine fibroblasts in vitro, 5 (1982) 57

Protein content and volume of early porcine blastocysts, 5 (1982/1983) 207

Developmental capacity, size and number of nuclei in pig embryos cultured in vitro, 5 (1982/1983) 311

Conditions of embryonic development in the ewe after modification of the hormone balance of the dam, 6 (1983) 25

Prostaglandin dynamics associated with development of the bovine conceptus, 7 (1984) 149

Control of prostanoid synthesis in bovine trophoblast and placentome, 7 (1984) 177

Embryonic development, conception rate, ovarian function and structure in pregnant rabbits heat-stressed before or during implantation, 17 (1988) 259

Embryonic development in superovulated dairy cattle exposed to elevated ambient temperatures between the onset of estrus and insemination, 19 (1989) 37

Interrelationships of proteins secreted by the ovine conceptus and endometrium during the periattachment period, 20 (1989) 117

Embryonic development measured by ultrasonography and plasma progesterone concentrations in roe deer (*Capreolus capreolus* L.), 20 (1989) 155

Morphological scoring system for porcine (12 to 19 days old) embryonic development in vitro, 20 (1989) 299

Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats, 22 (1990) 339

Foetal ageing in farmed red deer using real-time ultrasonography, 25 (1991) 241

Embryotoxicity

Toxicity of uterine fluids to rabbit embryos at the stage of eight cells or fewer, 3 (1980/1981) 335

Evaluation of the fluorescein diacetate (FDA) vital dye viability test with hamster and bovine embryos, 6 (1983/1984) 323

Endometrium

Histochemical identification of the glycocalyx layer in the bovine oviduct and endometrium, 3 (1980) 189

Vasoactive intestinal polypeptide and endometrial blood flow in the goat, 6 (1983/1984) 217

Effect of administration of estradiol and progesterone, and bacterial contamination, on endometrial morphology of acyclic mares, 9 (1985) 317

Bovine endometrial epithelium ultrastructure 6 and 7 days post-breeding, 10 (1986) 293

Progesterone receptors in the endometrium of normal and repeat-breeder cows, 14 (1987) 11

Characterization of the uterine environment during early conceptus expansion in the bovine, 16 (1988) 11

Cytosol estrogen and progesterone receptors in bovine endometrium after uterine involution postpartum and in the estrous cycle, 17 (1988) 9

Interrelationships of proteins secreted by the ovine conceptus and endometrium during the periattachment period, 20 (1989) 117

Characterization of cystic endometrial hyperplasia (CEH) in swine leukocyte antigen (SLA) miniature swine; serum hormone and endometrial estrogen receptor concentrations, 22 (1990) 99

Dynamics of uterine diameter and endometrial morphology during the estrous cycle and early pregnancy in mares, 25 (1991) 133

Endoscopy

Endoscopy in cattle: techniques for ovarian examination by the paralumbar and midventral routes, 4 (1981) 127

Endotoxins

Endotoxin-induced prostaglandin release and corpus luteum function in goats, 8 (1985) 109

Energy metabolism

Semen collection frequency and the energy metabolism of A.I. boars, 22 (1990) 87

Epididymis

Stabilizing rôle of epididymal plasma in relation to the capacitation time of boar spermatozoa, 1 (1978) 161

Spermiogenic, epididymal, and spermatozoal damage induced by a peritesticular injection of ethylene dibromide to rams, 6 (1983) 35

Lipid peroxidation in testis and epididymis of the bull, 20 (1989) 83

Angiotensin-converting-enzyme activity in epididymis, vas deferens and spermatozoa of domestic cock (*Gallus domesticus*), 23 (1990) 349

Epitestosterone

Epitestosterone and oestrogen concentration in plasma of cows during induction of parturition with prostaglandin $F_{2\alpha}$, 14 (1987) 245

Epostane

The effect of epostane (Win32739), an inhibitor of 3β-hydroxy steroid dehydrogenase, on luteal function and gonadotrophin secretion in cows, 10 (1986) 91

Ethylene dibromide

Spermiogenic, epididymal, and spermatozoal damage induced by a peritesticular injection of ethylene dibromide to rams, 6 (1983) 35

Fatty liver

Reproductive performance and fatty liver in Guernsey cows, 5 (1982/1983) 275

Postpartal ovarian activity of healthy cows and those affected by subclinical metabolic disorders, 9 (1985) 125

Feeding and nutrition

Interactions between dietary protein, ovulation rate and follicle stimulating hormone level in the ewe, 4 (1981) 19

Ovulation rates of first cross Booroola compared with local breed ewes following differential feeding, 6 (1983/1984) 209

Effects of phyto-estrogenic alfalfa consumption on plasma LH levels in cycling ewes, 6 (1983/1984) 233

Annual pattern of plasma progesterone in normal cycling buffaloes (*Bubalus bubalis*) fed two levels of nutrition, 7 (1984) 323

Influence of plane of winter nutrition on plasma concentrations of prolactin and testosterone and their association with voluntary food intake in red deed stags (*Cervus elaphus*), 8 (1985) 247

Plasma, FSH, LH, prolactin and progesterone profiles of Cheviot ewes with different levels of intake before and after mating, and associated effects on reproductive performance, 8 (1985) 301

The effect of hemicastration on sperm reserves of cockerels on a restricted dietary intake. Sperm reserves and deposition of sperm in different strains of cockerels, 9 (1985) 285

Effect of feeding frequency on age and weight of confined gilts at puberty, and some related breeding phenomena, 11 (1986) 69

Reproduction in swamp buffalo cows after oestrous synchronisation at two mating seasons and two levels of nutrition, 11 (1986) 99

Reproduction in Indonesian sheep and goats at two levels of nutrition, 12 (1986) 77

Effects of nutritional supplements on testicular size and the secretion of LH and testosterone in Merino and Booroola rams, 12 (1987) 267

Influence of dietary selenium on metabolism of cadmium and mercury in reproductive tissues of rats, 13 (1987) 143

Post-partum reproduction in swamp buffalo cows at two feeding levels, 13 (1987) 183

Effect of beta-carotene supplementation on periparturient health and reproduction of Holstein cows, 15 (1987) 139

The effect of protein intake on body weight, scrotal circumference and semen production of Bunaji bulls and their Friesian crosses in Nigeria, 16 (1988) 1

Epididymal sperm reserves in 12-month-old Angus and Hereford bulls: effects of bull strain plus dietary energy, 16 (1988) 169

The effect of a high protein intake on sperm production in boars at two semen collection frequencies, 17 (1988) 103

Seasonal changes in ovulation rate in Coopworth ewes maintained at different liveweights, 17 (1988) 197

Flushing of mink. Effects of level of preceding feed restriction and length of flushing period on reproductive performance, 17 (1988) 243

Factors related to decreased testosterone concentrations in the peripheral circulation of the maturing male chicken (*Gallus domesticus*) fed aflatoxin, 18 (1989) 25

The effects of frequency of ejaculation and undernutrition on the size and tone of the ram's testes, 19 (1989) 29

The effects of nutritionally-induced liveweight differences on follicular development, ovulation rate, oestrous activity and plasma follicle-stimulating hormone levels in the ewe, 19 (1989) 67

Relationship between protein intake during lactation, LH levels and oestrous activity in first-litter sows, 19 (1989) 283

The effect of planes of nutrition on growth and attainment of puberty in female wild boars raised in captivity, 20 (1989) 71

The influence of energy and protein intake on the reproductive performance of the breeding boar: a review, 20 (1989) 103

The effect of feeding level on semen quantity and quality of breeding boars, 20 (1989) 245

Puberty attainment and reproductive characteristics in ewe lambs of Chios and Karagouniki breeds raised on two planes of nutrition, 23 (1990) 197

The influence of nutrient status of postpartum ewes on ovarian cyclicity and on the oestrous and ovulatory responses to ram introduction, 23 (1990) 293

Fertilization

Fertilization of bovine oocytes in vitro: effect of different sources of gametes on fertilization rate and frequency of fertilization anomalies, 16 (1988) 207

Studies on increasing breeding frequency in the ewe, I. The fertilization of ova during the early post-partum period, 18 (1989) 1

Fertilization of zona-free hamster ova by ionophore-treated boar sperm and the condensation of sperm chromosomes, 21 (1989) 125

Fetectomy

Effect of partial fetectomy on plasma 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ in late pregnancy of sows, 4 (1981/1982) 321

Fibrin

Fibrinolytic activity in ovaries of rats and golden hamsters after gonadotrophic stimulation and hypophysectomy, 14 (1987) 301

Breeding season and pregnancy-associated increase in plasma levels of fibrin/fibrinogen in the mink, 16 (1988) 135

Finch

Circadian function in the photoperiodic induction of testicular growth in the common Indian rosefinch, *Carpodacus erythrinus*, 5 (1982/1983) 223

Fluorescein diacetate

Evaluation of the fluorescein diacetate (FDA) vital dye viability test with hamster and bovine embryos, 6 (1983/1984) 323

Fluorogestone acetate

Control of oestrus in ewe lambs and yearling ewes with medroxyprogesterone acetate and fluorogestone acetate, 5 (1982/1983) 191

Effects of PMSG on progesterone levels in ewes treated with fluorogestone acetate or prostaglandin $F_{2\alpha}$, 6 (1983/1984) 191

Effects of norgestomet-implants and fluorogestone acetate-impregnated sponges on oestrous cycle length and luteal function of ewes, 9 (1985) 63

Effects of a progestagen on buck-induced short ovarian cycles in the Creole meat goat, 9 (1985) 87

Endocrine responses induced in anestrous goats by the administration of different hormones after a fluorogestone acetate treatment, 9 (1985) 357

Genetic basis of variation in reproductive performance, I. Ewe lambs treated with fluorogestone acetate and PMSG in a controlled environment, 14 (1987) 281

Flushing

Flushing of mink. Effects of level of preceding feed restriction and length of flushing period on reproductive performance, 17 (1988) 243

Follicular characteristics

Proteolytic and antiproteolytic activities in goat antral follicles, 23 (1990) 213

Follicular cysts

Activity of Δ^5-3β-hydroxysteroid dehydrogenase, succinate dehydrogenase, and glucose-6-phosphate dehydrogenase in bovine luteinized follicular cysts and corpora lutea of estrous cycle: a quantitative histochemical study, 15 (1987) 145

Follicular dynamics

Follicular development in primiparous lactating sows, 5 (1982) 47

Analyses of the variation in the interval from an injection of prostaglandin $F_{2\alpha}$ to oestrus as a method of studying patterns of follicle development during dioestrus in dairy cows, 6 (1983/1984) 245

Effect of the corpus luteum on ovarian follicular populations and growth in the ewe, 13 (1987) 269

Follicular populations during the estrous cycle in heifers, I. Influence of day, 14 (1987) 165

Follicular population dynamics during the estrous cycle of the mare, 14 (1987) 219

A new concept for control of folliculogenesis during pregnancy in ewes: role of the corpus luteum, 15 (1987) 113

Follicular populations during the estrous cycle in heifers, III. Time of selection of the ovulatory follicle, 16 (1988) 81

Chronic treatment with bromocryptine during the oestrous cycle of the cow: evidence that prolactin is not involved in preovulatory follicular growth, 17 (1988) 21

Ovarian follicular populations in buffaloes and cows, 19 (1989) 171

Size and shape changes in the preovulatory follicle in mares based on digital analysis of ultrasonic images, 21 (1989) 63

Follicular growth during the oestrous cycle in Peul sheep, 21 (1989) 201

Buffalo fetal cotyledons contain certain factors that suppress compensatory ovarian hypertrophy in mice, 22 (1990) 1

Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development, 22 (1990) 131

Effect of day of prostaglandin $F_{2\alpha}$ treatment on selection and development of the ovulatory follicle in heifers, 23 (1990) 169

Ovarian endocrine activity and development of ovarian follicles during the postpartum interval in beef cows, 24 (1991) 173

Follicular fluid

Effect of stage of the porcine estrous cycle and method of collection on folliculostatin in porcine follicular fluid, 11 (1986) 43

Plasma follicle stimulating hormone in Merino ewes immunized with an inhibin-enriched fraction from bovine follicular fluid, 14 (1987) 39

Follicular growth and endocrine patterns of prepuberal heifers administered bovine follicular fluid and (or) follicle stimulating hormone, 18 (1989) 227

Ultrasonic characterization of follicular evacuation during ovulation and fate of the discharged follicular fluid in mares, 20 (1989) 131

Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates on Romney ewes, 22 (1990) 121

Follicular waves

Composition and characteristics of follicular waves during the bovine estrous cycle, 20 (1989) 187

Continued periodic emergence of follicular waves in non-bred progesterone-treated heifers, 24 (1991) 193

Folliculostatin

Effect of stage of the porcine estrous cycle and method of collection on folliculostatin in porcine follicular fluid, 11 (1986) 43

Freemartins

Hormonal correlates of ovarian alterations in bovine freemartin fetuses, 22 (1990) 181

Fructose

Effect of scrotal insulation on seminal fructose, peripheral plasma prolactin, and circulating steroids in rams, 5 (1982/1983) 295

FSH — camel

A gonadotrophin-like bioactivity of the serum of pregnant camel (*Camelus dromedarius*), 23 (1990) 327

FSH — cattle

Efficiency of pituitary extracts (FSH) for induction of superovulation in cattle, 6 (1983) 11

Lack of influence of mounting on plasma FSH, LH and testosterone concentrations in azoospermic and normospermic young bulls, 9 (1985) 111

Effects of gonadotropins and steroids on the subsequent fertilizability of extrafollicular bovine oocytes cultured in vitro, 9 (1985) 323

The effect of epostane (Win32739), an inhibitor of 3β-hydroxy steroid dehydrogenase, on luteal function and gonadotrophin secretion in cows, 10 (1986) 91

The superovulation response of *B. taurus* and *B. indicus* cattle following treatment with follicle stimulating hormone and progesterone, 11 (1986) 91

Seasonal changes in plasma concentrations of prolactin, LH, FSH, and testosterone in young adult bulls, 13 (1987) 165

Prepubertal and peripubertal changes in secretory patterns of LH and FSH in beef heifers, 14 (1987) 85

Correlation of the mating behaviour of bulls with patterns of gonadotrophins and oestrogens in oestrous cows, 15 (1987) 95

Early cycle FSH-p priming as a prelude to superovulating gonadotropin administration in ewes and heifers, 16 (1988) 97

Effects of bull seminal plasma extract on release of FSH and LH by GnRH injection in pubertal beef bulls, 17 (1988) 177

Follicular growth and endocrine patterns of prepuberal heifers administered bovine follicular fluid and (or) follicle stimulating hormone, 18 (1989) 227

Serum inhibin, FSH, LH and testosterone levels and testicular inhibin content in beef bulls from birth to puberty, 20 (1989) 165

Ovarian control of gonadotrophin secretion in the prepubertal heifer, 21 (1989) 1

Differences in gonadotrophin secretion post partum between Zebu and European breed cattle, 22 (1990) 311

Plasma LH and FSH after estradiol, norgestomet and Gn-RH treatment in ovariectomized beef heifers, 23 (1990) 263

FSH — goat

Puberty in the male Nubian goat: serum concentrations of LH, FSH and testosterone from birth through puberty and semen characteristics at sexual maturity, 20 (1989) 91

FSH — horse

FSH and LH activity of PMSG from mares at different stages of gestation, 1 (1978) 137

Puberty in the male pony: plasma gonadotropin concentrations and the effects of castration, 4 (1981) 165

Ovarian activity in synchronized mares following administration of follicle stimulating hormone, 7 (1984) 511

FSH — pig

Pulsatile secretion of luteinizing hormone and follicle stimulating hormone and their relationship to secretion of estradiol and onset of estrus in weaned sows, 12 (1986) 201

Perioestrous patterns of circulating LH, FSH, prolactin and oestradiol-17β in the gilt, 14 (1987) 205

Involvement of hypothalamic compounds in the expression of estrus in the pig, 18 (1989) 51

The effect of pregnant mare serum gonadotropin on follicle stimulating hormone and estradiol secretion in the prepuberal gilt, 21 (1989) 93

Concentrations of prolactin, LH and FSH after naloxone administration in follicular-phase gilts, 22 (1990) 39

Sex-related differences in the control of gonadotropin concentrations in neonatal pigs, 23 (1990) 123

FSH — rabbit

Influence of sexual receptivity on LH, FSH and prolactin release after GnRH administration in female rabbits, 20 (1989) 57

FSH — sheep

Interactions between dietary protein, ovulation rate and follicle stimulating hormone level in the ewe, 4 (1981) 19

Plasma concentrations of testosterone, androstenedione, progesterone, oestradiol-17β, LH and FSH during the preovulatory period in the ewe, 7 (1984) 521

Plasma, FSH, LH, prolactin and progesterone profiles of Cheviot ewes with

different levels of intake before and after mating, and associated effects on reproductive performance, 8 (1985) 301

Plasma follicle stimulating hormone in Merino ewes immunized with an inhibin-enriched fraction from bovine follicular fluid, 14 (1987) 39

Plasma FSH concentrations in seasonally anoestrous ewes induced to ovulate with repeated injections or continuous infusion of GnRH, 14 (1987) 53

Plasma follicle stimulating hormone, ovulation rate and fertility in Merino ewes treated with bovine follicular fluid, 16 (1988) 27

Early cycle FSH-p priming as a prelude to superovulating gonadotropin administration in ewes and heifers, 16 (1988) 97

Plasma FSH levels and ovarian response to PMSG in ewe lambs of related genotypes that differ in their prolificacy, 19 (1989) 109

Manipulation of plasma FSH concentrations by administration of bFF affects secretion in seasonally anoestrous ewes, 25 (1991) 115

FSH receptors

A quantitative comparison in the bovine of steroids and gonadotropin receptors in normally developing follicles and in follicular and luteinized cysts, 23 (1990) 273

Genetics

XY gonadal dysgenesis in a Charolais heifer, 1 (1978) 9

Genetic improvement of mammalian fertility: a review of opportunities, 1 (1978) 109

Quality, freezability and fertility of the semen of pre-selected A.I. bulls carrying various chromosome aberrations, 6 (1983/1984) 167

Influence of Booroola Merino genotype on the responsiveness of ewes to pregnant mares serum gonadotrophin, luteal tissue weights and peripheral progesterone concentrations, 6 (1983/1984) 199

Biological sexual maturation in rats: interaction among genetic line, sex, age, and body weight, 6 (1983/1984) 311

The development of male reproductive traits in progeny of Merino strains of different reproductive performance, 8 (1985) 61

Age at puberty and estrous activity of straightbred and reciprocal crossbred gilts, 8 (1985) 281

Peripheral plasma testosterone levels in two Indian breeds of goats and their reciprocal crosses, 9 (1985) 95

The effect of the F gene on male reproductive traits in Booroola × South Australian Merino rams, 9 (1985) 137

Ovulation response to pregnant mares' serum gonadotrophin in prepubertal ewe lambs of different Booroola genotypes, 9 (1985) 145

The influence of breed, season and photoperiod on semen characteristics, testicular size, libido and plasma hormone concentrations in rams, 9 (1985) 241

The effect of hemicastration on sperm reserves of cockerels on a restricted dietary intake. Sperm reserves and deposition of sperm in different strains of cockerels, 9 (1985) 285

Seasonal sexual activity and post-partum anoestrus in two Moroccan breeds of sheep: Beni-Guil and Sardi, 10 (1986) 99

Genetic basis of variation in reproductive performance, I. Ewe lambs treated with fluorogestone acetate and PMSG in a controlled environment, 14 (1987) 281

Some factors related to calf crops of Brahman, Brahman crossbred and Here-

ford × Shorthorn cows in a stressful tropical environment, 15 (1987) 1

The ovulation rate after unilateral ovariectomy in the Booroola Merino ewe, 18 (1989) 149

Factors influencing pregnancy rate and calving date in four breeds of beef cows on an Ozark mountain range, 18 (1989) 243

Genetic studies on fertility in A.I. bulls, I. Age, season and genetic effects on semen characteristics in young bulls, 19 (1989) 1

Effects of breed and time since lambing on spring estrous activity in mature ewes, 19 (1989) 99

Plasma FSH levels and ovarian response to PMSG in ewe lambs of related genotypes that differ in their prolificacy, 19 (1989) 109

Reproductive performances of Creole and Black-Belly ewes in the West Indies. A new major gene controlling ovulation rate?, 19 (1989) 235

Stimulation of testosterone production by PMSG injection in the ovine male: effect of breed and age and application to males carrying or not carrying the "F" Booroola gene, 23 (1990) 21

Genetic basis of variation in reproductive performance (2) Genetic correlation between gestation length and prolificacy in sheep, 23 (1990) 305

Genistein

Action of phyto-oestrogens coumestrol and genistein on cytosolic and nuclear oestradiol-17β receptors in immature rat uterus, 3 (1980) 233

Gerbil

Testicular and accessory organ degeneration induced by subcutaneous injection of quinacrine in the gerbil (*Meriones hurrianae* Jerdon), 3 (1980) 83

Embryo transfer to Mongolian gerbils during post partum pregnancy and pseudopregnancy, 11 (1986) 63

Glucocorticoids

Seasonal variations in plasma glucocorticoid levels in buffalo cows (*Bubalus bubalis*), 6 (1983/1984) 177

Effect of mid-luteal glucocorticoid injection with pulsatile administration of gonadotrophin releasing hormone on follicular growth and ovulation in the sow, 19 (1989) 131

Glucose

In vitro incorporation of (I-^{14}C) acetate and U-^{14}C) glucose into the lipids of buffalo bull spermatozoa, 21 (1989) 191

Glucose-6-phosphate

Microfluorometric study of glucose-6-phosphate and malate dehydrogenases in histologically defined areas of the uterus in cyclic and pregnant ewes, 3 (1980/1981) 325

Glutamic oxaloacetic transaminase

Infuence of thawing temperature on viability and release of glutamic oxaloacetic transaminase in frozen semen from Boer goats, 25 (1991) 125

Glutathione

The effect of glutathione on the motility and fertility of frozen bull sperm, 13 (1987) 249

Glutathione peroxidase

Seasonal changes in total and selenium-dependent glutathione peroxidase activity in bovine semen in relation to lipid peroxide, 17 (1988) 303

Glycerylphosphorylcholine

Stallion sperm and seminal plasma phospholipids and glycerylphosphorylcholine, 11 (1986) 207

Glycogen

Prepartum and postpartum glycogen accumulation in bovine uterine arteries, 16 (1988) 191

GnRH — buffalo

Seasonal variation in the LH release in response to GnRH in the buffalo, 6 (1983/1984) 229

Induction and synchronization of oestrus and fertility in seasonally anoestrous buffaloes with GnRH and a PGF analog, 25 (1991) 109

GnRH — camel

Secretion of LH and progesterone after intravenous administration of GnRH in the camel (*Camelus dromedarius*), 25 (1991) 67

GnRH — cattle

Luteinizing hormone response to injection of synthetic gonadotrophin releasing hormone or infusion of oestradiol-17β in heifers, 3 (1980) 17

The response of lactating Africander cows to treatment with a progesterone-releasing intravaginal device or injection of synthetic GnRH, 3 (1980) 181

Effect of intermittent injections of gonadotrophin releasing hormone at various frequencies on the release of luteinizing hormone and ovulation in dairy cows, 8 (1985) 335

Pituitary responses to a challenge test of GnRH and oestradiol benzoate in postpartum and regularly cyclic dairy cows, 14 (1987) 1

The development of subcutaneous-delivery preparations of GnRH for the induction of ovulation in acyclic sheep and cattle, 17 (1988) 33

Effects of bull seminal plasma extract on release of FSH and LH by GnRH injection in pubertal beef bulls, 17 (1988) 177

Pituitary and ovarian responses to prolonged administration of low doses of GnRH in prepubertal heifers, 18 (1989) 111

Involution, pathology and histology of the uterus in dairy cattle with retained placenta and uterine discharge following GnRH, 21 (1989) 11

Ovulatory responses to continuous administration of GnRH in nine-month-old prepubertal beef heifers, 22 (1990) 271

Plasma LH and FSH after estradiol, norgestomet and Gn-RH treatment in ovariectomized beef heifers, 23 (1990) 263

The effect of GnRH administered to dairy cows during oestrus on plasma LH and conception in relation to the time of treatment and insemination, 24 (1991) 13

Effects of GnRH on preovulatory endocrinology and oocyte maturation in PMSG-superovulated cows, 24 (1991) 37

Gonadotropin-releasing hormone receptors in anterior pituitaries of cattle during the estrous cycle, 24 (1991) 185

GnRH — guinea pig

Effects of active immunization against gonadotropin releasing hormone on serum luteinizing hormone, progesterone levels and estrous cycles in the guinea pig, 4 (1981) 73

GnRH — pig

Luteinizing hormone response to different doses of synthetic gonadotropin-

releasing hormone during early and late lactation in primiparous sows, 13 (1987) 299

Clinical and endocrine responses to pulsatile administration of gonadotropin-releasing hormone (GnRH) treatment during lactation in primiparous sows, 17 (1988) 123

Involvement of hypothalamic compounds in the expression of estrus in the pig, 18 (1989) 51

Effect of mid-luteal glucocorticoid injection with pulsatile administration of gonadotrophin releasing hormone on follicular growth and ovulation in the sow, 19 (1989) 131

Plasma prolactin during pulsatile administration of GnRH and oestrus in lactating sows, 24 (1991) 355

GnRH — sheep

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, III. Prolactin and pituitary responsiveness to gonadotrophin releasing hormone in the post partum period, 3 (1980) 57

Repeatability of LH responses by lambs to monthly challenge with synthetic gonadotrophin releasing hormone (GnRH), 3 (1980) 155

Effects of oestrogenic pasture on luteinizing hormone levels and the response to GnRH in female lambs, 5 (1982) 7

The effect of method of administration on ovarian responses of seasonally anestrous ewes administered gonadotrophin releasing hormone, 6 (1983/1984) 267

Induction of fertile oestrus in seasonally anoestrous ewes with low doses of GNRH, 7 (1984) 413

Repeatability of the plasma luteinizing-hormone response to two consecutive injections of gonadotropin-releasing hormone to prepubertal ewe-lambs reared in individual pens, 12 (1986) 85

Plasma FSH concentrations in seasonally anoestrous ewes induced to ovulate with repeated injections or continuous infusion of GnRH, 14 (1987) 53

Use of hypothalamic releasing hormones to evaluate the reproductive endocrine status of rams, 16 (1988) 249

The development of subcutaneous-delivery preparations of GnRH for the induction of ovulation in acyclic sheep and cattle, 17 (1988) 33

Attempts to improve the function of GnRH-induced corpora lutea in early post-partum ewes through oestradiol and/or PMSG priming or exogenous luteotrophin, 19 (1989) 245

The efficacy of ram introduction, GnRH administration, and immunisation against androstenedione and oestrone for the induction of oestrus and ovulation in anoestrous post-partum ewes, 21 (1989) 237

Ovarian and endocrine responses of Merino ewes following treatment with PMSG and GnRH or PMSG antiserum, 24 (1991) 259

Regulation of pituitary GnRH receptors by continuous infusion of GnRH in the seasonally anoestrous ewe: evidence of ovarian involvement, 24 (1991) 271

Pituitary GnRH receptor dynamics during continuous infusion of a low dose of GnRH in seasonally anoestrous ewes, 25 (1991) 41

GnRH analog

A preliminary report on the treatment of ovulation failure in cows with gonadotropin-releasing hormone analog or human chorionic gonadotropin combined with insemination, 7 (1984) 489

Effects of an agonist of gonadotrophin releasing hormone in cattle, I. Hormone concentrations and oestrous cycle length, 8 (1985) 203

Effects of an agonist of gonadotrophin releasing hormone in cattle, II. Interactions with injected prostaglandin $F_{2\alpha}$ and unilateral ovariectomy, 8 (1985) 213

Effects of an agonist of gonadotrophin releasing hormone (Buserelin) in cattle, III. Pregnancy rates after a post-insemination injection during metoestrus or dioestrus, 11 (1986) 1

The effect of treatment with a GnRH analogue on postpartum reproductive performance in Friesian cows, 12 (1986) 99

Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17β and progesterone during early pregnancy in the south Indian bonnet monkey (*Macaca radiata*), 22 (1990) 261

Effects of a GnRH agonist (Buserelin) on LH secretion in post-partum beef cows, 24 (1991) 1

Goat

The cervix of the sheep and goat during parturition, 2 (1979) 209

Fine structure of the modified Sertoli cells in the terminal segment of the seminiferous tubules of the bull, ram and goat, 2 (1979) 343

Ovarian responses of anoestrous goats to stimulation with pregnant mare serum gonadotrophin, 5 (1982) 15

Synchronisation of oestrus of goats treated with progestagen-impregnated intravaginal sponges and PMSG, and reproductive performance following natural mating or A.I. with frozen semen, 5 (1982) 111

Reproductive traits in Nubian dairy goats, 6 (1983) 59

Vasoactive intestinal polypeptide and endometrial blood flow in the goat, 6 (1983/1984) 217

11-Ketotetranor PGF metabolites, a suitable indicator for measuring prostaglandin release during the normal oestrous cycle and early pregnancy in the goat, 7 (1984) 537

Endotoxin-induced prostaglandin release and corpus luteum function in goats, 8 (1985) 109

Effects of a progestagen on buck-induced short ovarian cycles in the Creole meat goat, 9 (1985) 87

Peripheral plasma testosterone levels in two Indian breeds of goats and their reciprocal crosses, 9 (1985) 95

Endocrine responses induced in anestrous goats by the administration of different hormones after a fluorogestone acetate treatment, 9 (1985) 357

Effects of anosmia on LH secretion, ovulation and oestrous behaviour induced by males in the anovular Creole goat, 10 (1986) 125

Estrone and estrone conjugate plasma levels throughout pregnancy in the goat: their determination as a pregnancy diagnosis test, 11 (1986) 35

The pattern of luteinizing hormone secretion during pregnancy in goats, 11 (1986) 129

Effect of frequent ejaculation of West African Dwarf Goat on semen characteristics, 11 (1986) 249

Semen characteristics of Nubian goats in the Sudan, 12 (1986) 63

Reproduction in Indonesian sheep and goats at two levels of nutrition, 12 (1986) 77

Effect of progesterone administration on the release of uterine prostaglandin $F_{2\alpha}$ and

ovarian oxytocin in the goat, 13 (1987) 191

Plasma prolactin variations and onset of ovarian activity in lactating anestrous goats given melatonin, 13 (1987) 291

Gross and histological changes of the postpartum genitalia of Savanna Brown goats, 14 (1987) 65

Doses of prostaglandin analogue "cloprostenol" by intravulvo-submucosal (IVSM) injections effective for the induction of oestrus in goats, 14 (1987) 139

Survival of goat embryos frozen and thawed rapidly, 16 (1988) 261

Circannual rhythm of plasma prolactin concentration in the goat, 17 (1988) 85

Puberty in Libyan male goats, 17 (1988) 207

Preliminary study on treatment of ringwomb in Iraqi goats, 18 (1989) 199

Puberty in the male Nubian goat: serum concentrations of LH, FSH and testosterone from birth through puberty and semen characteristics at sexual maturity, 20 (1989) 91

Effect of male odeur on LH secretion and the induction of ovulation in seasonally anoestrous goats, 22 (1990) 27

Proteolytic and antiproteolytic activities in goat antral follicles, 23 (1990) 213

Testosterone and LH concentrations in the male Angora goat during puberty, 23 (1990) 319

Infuence of thawing temperature on viability and release of glutamic oxaloacetic transaminase in frozen semen from Boer goats, 25 (1991) 125

PMSG may directly stimulate ovulation in female goats, 25 (1991) 233

Growth factors

Mouse embryo development in media containing growth factors, 18 (1989) 125

Concentrations of insulin-like growth factor-I in follicular fluid and blood plasma of mares during early and late oestrus, 25 (1991) 57

Growth hormone

Concentration of growth hormone, prolactin and cortisol in fetal and maternal blood and amniotic fluid during late pregnancy and parturition in cows with cannulated fetuses, 17 (1988) 51

Effect of single lactation treatment with recombinant bovine growth hormone on reproductive performance in dairy cows, 24 (1991) 211

Guinea fowl

Characteristics of artificially ejaculated and ductus deferens semen in the guinea-fowl, 12 (1986) 69

Guinea pig

Effects of active immunization against gonadotropin releasing hormone on serum luteinizing hormone, progesterone levels and estrous cycles in the guinea pig, 4 (1981) 73

Prostaglandin production by the uterus of the non-pregnant and early pregnant guinea-pig, 7 (1984) 1

Haloperidol

Prolactin secretion in cattle as affected by haloperidol and α-methyl-*p*-tyrosine, 13 (1987) 239

Prolactin secretion after hypophysial stalk transection in prepuberal beef heifers, 18 (1989) 61

Hamster

Interspecies interaction of zona-free ova

with spermatozoa in mouse, rat and hamster, 2 (1979) 395

Effect of HCG on resorption and fetal weight in the hamster (*Mesocricetus auratus*), 4 (1981/1982) 237

Evaluation of the fluorescein diacetate (FDA) vital dye viability test with hamster and bovine embryos, 6 (1983/1984) 323

The developmental potential of frozen-thawed hamster preimplantation embryos following embryo transfer: viability of slowly frozen embryos following slow and rapid thawing, 9 (1985) 253

Fibrinolytic activity in ovaries of rats and golden hamsters after gonadotrophic stimulation and hypophysectomy, 14 (1987) 301

Intracellular calcium in hamster spermatozoa in testis, epididymis and during the acrosome reaction, 16 (1988) 145

HCG — cattle

A preliminary report on the treatment of ovulation failure in cows with gonadotropin-releasing hormone analog or human chorionic gonadotropin combined with insemination, 7 (1984) 489

Effects of human chorionic gonadotropin pretreatment on endocrine, cytological and prostaglandin $F_{2\alpha}$ receptor patterns of the bovine corpus luteum, 19 (1989) 179

Luteal life span induced by hCG in *Bos taurus* × *Bos indicus* beef heifers treated with norgestomet for different periods, 24 (1991) 159

Effects of human chorionic gonadotropin (hCG) pretreatment on endocrine and behavioural responses of dairy cattle to exogenous prostaglandin $F_{2\alpha}$, 25 (1991) 97

HCG — hamster

Effect of HCG on resorption and fetal weight in the hamster (*Mesocricetus auratus*), 4 (1981/1982) 237

HCG — horse

The effect of human chorionic gonadotrophin and exogenous progesterone on luteal function during early pregnancy in pony mares, 6 (1983/1984) 223

Testosterone concentrations in normal and cryptorchid horses. Response to human chorionic gonadotrophin, 18 (1989) 43

HCG — monkey

Rate of clearance of immunoreactive hCG from the serum of the pregnant bonnet monkey (*Macaca radiata*), 9 (1985) 173

HCG — pig

Luteal characteristics and embryonic survival in gilts treated with human chorionic gonadotrophin during early pregnancy, 15 (1987) 217

Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG, 22 (1990) 235

HCG — rabbit

Effects of hCG, treatment on morula recovery in the rabbit and their survival after synchronous transfer, 24 (1991) 347

Heat stress

Heat induced infertility of boars: the interrelationship between depressed sperm output and fertility and an estimation of the critical air temperature above which sperm output is impaired, 4 (1981/1982) 283

Embryonic mortality caused by maternal heat stress during mouse oocyte maturation, 14 (1987) 309

Embryonic development, conception rate, ovarian function and structure in pregnant rabbits heat-stressed before or during implantation, 17 (1988) 259

Embryonic development in superovulated dairy cattle exposed to elevated ambient temperatures between the onset of estrus and insemination, 19 (1989) 37

Modulation of uterine prostaglandin biosynthesis by pregnant and nonpregnant cows at day 17 post-estrus in response to in vivo and in vitro heat stress, 20 (1989) 31

Hedgehog

The oestrous cycle in the large-eared hedgehog, *Hemiechinus auritus* Gmelin, 13 (1987) 157

Hemicastration

The effect of hemicastration on sperm reserves of cockerels on a restricted dietary intake. Sperm reserves and deposition of sperm in different strains of cockerels, 9 (1985) 285

Spermatogenic activities of the left and right testes of hemicastrated and intact cockerels, 14 (1987) 157

Effect of age at hemicastration on the body and testis weight of piglets, 18 (1989) 105

Histamine

Uterine histamine content in mast-cell deficient (W/W^V) mice during experimentally induced deciduoma formation, 14 (1987) 75

Horse

FSH and LH activity of PMSG from mares at different stages of gestation, 1 (1978) 137

Seasonal changes in the concentration of estrogens and testosterone in the plasma of the stallion, 1 (1978/1979) 205

Endocrine changes after foetal gonadectomy and during normal and induced parturition in the mare, 2 (1979) 271

Simulation of pregnancy levels of plasma oestrone sulphate by infusion in the non-pregnant mare: a preliminary study, 3 (1980) 101

Biochemical components of stallion seminal plasma before and after the breeding season, 4 (1981) 39

Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

The effect of human chorionic gonadotrophin and exogenous progesterone on luteal function during early pregnancy in pony mares, 6 (1983/1984) 223

The role of prostaglandins in the maternal recognition of pregnancy in mares, 7 (1984) 269

Hormonal control of early pregnancy in the mare, 7 (1984) 283

Mycoplasmas in stallion semen, 7 (1984) 343

Ovarian activity in synchronized mares following administration of follicle stimulating hormone, 7 (1984) 511

Effect of administration of estradiol and progesterone, and bacterial contamination, on endometrial morphology of acyclic mares, 9 (1985) 317

The twisted umbilical cord: an expression of kinesis of the equine fetus?, 10 (1986) 163

Stallion sperm and seminal plasma phospholipids and glycerylphosphorylcholine, 11 (1986) 207

Age and seasonal effects on sexual behaviour of stallions at rest, 12 (1986) 233

Progestagen, androgen and oestrogen levels in plasma and ovarian follicular fluid during the oestrous cycle of the mare, 12 (1987) 255

Follicular population dynamics during the estrous cycle of the mare, 14 (1987) 219

Duration and pattern of follicular evacuation during ovulation in the mare, 15 (1987) 131

Fertility in Purebred Arab horses in Turkey, 15 (1987) 265

Effect of exogenous estradiol on mobility and fixation of the early equine conceptus, 16 (1988) 159

The development of fluid-filled luteal glands in mares, 17 (1988) 155

Sephadex column radioimmunoassay of metabolized oestrone for the monitoring of follicular function and early pregnancy detection in mares, 17 (1988) 281

Testosterone concentrations in normal and cryptorchid horses. Response to human chorionic gonadotrophin, 18 (1989) 43

Ultrasonic characterization of follicular evacuation during ovulation and fate of the discharged follicular fluid in mares, 20 (1989) 131

Ultrasonic echogenicity of developing corpora lutea in pony mares, 20 (1989) 143

Pregnancy loss in the mare, 20 (1989) 231

Size and shape changes in the preovulatory follicle in mares based on digital analysis of ultrasonic images, 21 (1989) 63

Resurgence of the primary corpus luteum during pregnancy in the mare, 21 (1989) 261

Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development, 22 (1990) 131

The effect of alternating months of "long days" and "short days" on plasma luteinising hormone and testosterone concentrations in Welsh Mountain Pony stallions, 25 (1991) 51

Concentrations of insulin-like growth factor-I in follicular fluid and blood plasma of mares during early and late oestrus, 25 (1991) 57

Dynamics of uterine diameter and endometrial morphology during the estrous cycle and early pregnancy in mares, 25 (1991) 133

Horse anterior pituitary extract

Ovarian response in ewes following horse anterior pituitary extract and progestagen treatment, 6 (1983) 119

Hyperthermia

Effects of acute and chronic testicular hyperthermia on levels of testosterone and corticosteroids in plasma of boars, 7 (1984) 391

Hypophysectomy

Luteal function in mink: the effects of hypophysectomy after the preimplantation rise in progesterone, 3 (1980) 225

Fibrinolytic activity in ovaries of rats and golden hamsters after gonadotrophic stimulation and hypophysectomy, 14 (1987) 301

The effect of fetal hypophysectomy and fetal death in gilts with small litters on concentrations of relaxin, progesterone and estradiol-17β, 16 (1988) 107

Hypophysial stalk transection

Prolactin secretion after hypophysial stalk transection in prepuberal beef heifers, 18 (1989) 61

Hypothalamo–hypophyseal axis

Sensitivity of the hypothalamo–hypophyseal axis to the positive feedback effects of es-

trogen in ovariectomized anestrous and diestrous sows, 22 (1990) 243

Immunology

The phospholipid-binding protein of the reproductive tract of the bull—effect on the removal of spermatozoal cytoplasm droplets in other species and influence of antibodies on its reactivity, 7 (1984) 433

Biological and immunological roles of proteins in the sperm of domestic animals (review), 8 (1985) 1

Effect of active immunization against androstenedione on ovarian function in dairy cows and prepubertal gilts, 8 (1985) 349

Monoclonal antibodies to bull sperm surface antigens, 9 (1985) 101

Development and validation of an enzyme immunoassay for progesterone in bovine milk or blood plasma, 10 (1986) 201

Effects of the reproductive status in Zebu heifers on the immunoglobulin M and G levels in bovine *Trypanosoma vivax* infection, 12 (1986) 179

The immunization of ewes against steroids as a means of increasing prolificacy in a Mediterranean environment, 13 (1987) 45

Plasma follicle stimulating hormone in Merino ewes immunized with an inhibin-enriched fraction from bovine follicular fluid, 14 (1987) 39

Potential of active immunization against androstenedione to improve fecundity in sheep, 15 (1987) 101

Breeding season and pregnancy-associated increase in plasma levels of fibrin/fibrinogen in the mink, 16 (1988) 135

Effects of pregnancy and exogenous progesterone on immunosuppressive activity in the uterus and peripheral plasma of the ewe, 18 (1989) 253

Alterations in gonadotrophin secretion and ovarian sensitivity to gonadotrophins induced by active immunization against androstenedione, 19 (1989) 53

Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates on Romney ewes, 22 (1990) 121

Cellular localization of ovine placental lactogen using monoclonal antibodies, 23 (1990) 33

Effect of immunization with sperm or seminal plasma on spermatozoal quality in boars, 23 (1990) 245

Changes in thymosin $\beta 4$ and gonadal function during puberty in boars and gilts immunized against estrone, 24 (1991) 139

Effects of active immunisation of female lambs against androstenedione on LH secretion, onset of puberty and ovulation rate, 24 (1991) 283

The reproductive performance of Merino ewes in Western Australia following simultaneous immunization against several steroids, 25 (1991) 199

Implantation

The action of high doses of oestradiol on implantation and decidual reaction in the rat, 1 (1978) 93

The involvement of estradiol at the time of implantation in placental mammals, 7 (1984) 467

Use of deuterium-labelled tracers to establish endogenous rates of production and clearance of progesterone during the peri-implantation period in gilts, 11 (1986) 273

Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats, 22 (1990) 339

In vitro fertilization

The relationship between sperm concentration and fertilization in vitro of rabbit ova, 1 (1978) 43

Fertilization in vitro of rabbit eggs with or without follicular cells by epididymal spermatozoa capacitated in a chemically defined medium, 6 (1983) 143

In vitro development of in vitro fertilized bovine follicular oocytes obtained by laparoscopy, 12 (1986) 21

Fertilization of bovine oocytes in vitro: effect of different sources of gametes on fertilization rate and frequency of fertilization anomalies, 16 (1988) 207

Development to the late morula or blastocyst stage following in vitro maturation and fertilization of bovine oocytes, 18 (1989) 139

Infundibulum

Influence of substance P on myoelectrical activity of the infundibulum, uterus and vagina in the conscious domestic hen, 21 (1989) 283

Inhibin

Plasma follicle stimulating hormone in Merino ewes immunized with an inhibin-enriched fraction from bovine follicular fluid, 14 (1987) 39

Serum inhibin, FSH, LH and testosterone levels and testicular inhibin content in beef bulls from birth to puberty, 20 (1989) 165

Changes in plasma gonadotropins, ovarian steroids and inhibin concentrations in gilts following progesterone treatment with implantable osmotic pumps, 20 (1989) 287

Intrauterine devices

Comparison of progesterone sponges, cronolone sponges and controlled internal drug release dispensers on fertility in anestrous ewes, 18 (1989) 219

Intravaginal devices

Comparison of control of oestrus and ovulation in sheep by an ear implant (SC-21009) or by intravaginal sponge (Cronolone or MAP), 1 (1978/1979) 275

Oestrus synchronization in buffaloes (*Bubalus bubalis*), 3 (1980) 107

The response of lactating Africander cows to treatment with a progesterone-releasing intravaginal device or injection of synthetic GnRH, 3 (1980) 181

Serum hormone levels and occurrence of oestrus following use of an intravaginal device containing progesterone and oestradiol 17β in heifers, 3 (1980/1981) 271

Synchronisation of oestrus of goats treated with progestagen-impregnated intravaginal sponges and PMSG, and reproductive performance following natural mating or A.I. with frozen semen, 5 (1982) 111

Effects of progestagen treatments and PMSG on the induction of the preovulatory LH discharge in ewes, 5 (1982/1983) 281

Effect of progesterone releasing intravaginal device (PRID) on fertility in the postpartum buffalo cow, 6 (1983) 111

Effects of norgestomet-implants and fluorogestone acetate-impregnated sponges on oestrous cycle length and luteal function of ewes, 9 (1985) 63

Plasma progesterone levels in ewes treated with progesterone-controlled internal drug-release dispensers, implants and sponges, 11 (1986) 187

Intravaginal electrical resistance

Relationships between intravaginal electrical resistance, cervicovaginal mucus characteristics and blood progesterone and LH, 5 (1982/1983) 259

The association between changes in the intravaginal electrical resistance and the in vitro measurements of vaginal mucus electrical resistivity in cattle, 5 (1982/1983) 323

Involution, uterine

Post partum ovarian activity and uterine involution in the suckled swamp buffalo (*Bubalus bubalis*), 5 (1982/1983) 181

Factors influencing postpartum ovarian activity and uterine involution in zebu cattle indigenous to Nigeria, 8 (1985) 123

Gross and histological changes of the postpartum genitalia of Savanna Brown goats, 14 (1987) 65

Postpartum ovarian activity, uterine involution and fertility in indigenous buffaloes at a selected village location in Sri Lanka, 14 (1987) 115

Involution, pathology and histology of the uterus in dairy cattle with retained placenta and uterine discharge following GnRH, 21 (1989) 11

Ketosis

Postpartal ovarian activity of healthy cows and those affected by subclinical metabolic disorders, 9 (1985) 125

Lactation

The initiation of lactation in sows and the mastitis–metritis–agalactia syndrome, 5 (1982) 135

Fertility in the Afrikaner cow 3. Once a day suckling and its effect on the pattern of resumption of ovarian activity and conception rate in early lactation, 12 (1986) 1

Luteinizing hormone response to different doses of synthetic gonadotropin-releasing hormone during early and late lactation in primiparous sows, 13 (1987) 299

Clinical and endocrine responses to pulsatile administration of gonadotropin-releasing hormone (GnRH) treatment during lactation in primiparous sows, 17 (1988) 123

Relationship between protein intake during lactation, LH levels and oestrous activity in first-litter sows, 19 (1989) 283

Effect of single lactation treatment with recombinant bovine growth hormone on reproductive performance in dairy cows, 24 (1991) 211

Lactic dehydrogenase

Lactic dehydrogenase activity in buffalo semen, 8 (1985) 143

Lactogen

Cellular localization of ovine placental lactogen using monoclonal antibodies, 23 (1990) 33

Laparoscopy

Laparoscopy in the ewe: a photographic record of the ovarian activity of ewes experiencing normal or abnormal oestrous cycles, 3 (1980) 119

The effects of repeated laparoscopic surgery used for ovarian examination and follicular aspiration in cows, 9 (1985) 25

Laparoscopic examination of the ovarian activity in Alpacas, 21 (1989) 271

LH — buffalo

Luteinizing hormone and oestradiol-17β in blood plasma and milk during the oestrous cycle and early pregnancy in Murrah buffaloes, 5 (1982/1983) 247

Seasonal variation in the LH release in response to GnRH in the buffalo, 6 (1983/1984) 229

Influence of age, weaning, season and body weight on the levels of progesterone, oestradiol-17β and luteinizing hormone in growing buffalo heifers (*Bubalus bubalis*), 9 (1985) 213

Changes in plasma concentrations of luteinizing hormone, progesterone and oestradiol-17β during the periovulatory period in cyclic swamp buffaloes (*Bubalus bubalis*), 11 (1986) 17

LH — camel

Mating-dependent endocrinological variations in female *Camelus dromedarius*, 21 (1989) 73

Plasma LH, corticoid and sex steroid variations in camels (*Camelus dromedarius*) in relation to seasonal climatic changes, 21 (1989) 101

A gonadotrophin-like bioactivity of the serum of pregnant camel (*Camelus dromedarius*), 23 (1990) 327

Secretion of LH and progesterone after intravenous administration of GnRH in the camel (*Camelus dromedarius*), 25 (1991) 67

LH — cattle

Luteinizing hormone response to injection of synthetic gonadotrophin releasing hormone or infusion of oestradiol-17β in heifers, 3 (1980) 17

Relationships between intravaginal electrical resistance, cervicovaginal mucus characteristics and blood progesterone and LH, 5 (1982/1983) 259

The effect of exogenous progesterone on plasma LH and milk progesterone concentrations in multiple-suckling postpartum cows, 6 (1983) 103

Effect of intermittent injections of gonadotrophin releasing hormone at various frequencies on the release of luteinizing hormone and ovulation in dairy cows, 8 (1985) 335

Lack of influence of mounting on plasma FSH, LH and testosterone concentrations in azoospermic and normospermic young bulls, 9 (1985) 111

Effects of gonadotropins and steroids on the subsequent fertilizability of extrafollicular bovine oocytes cultured in vitro, 9 (1985) 323

The effect of epostane (Win32739), an inhibitor of 3β-hydroxy steroid dehydrogenase, on luteal function and gonadotrophin secretion in cows, 10 (1986) 91

Sequential endocrine changes and behaviour during oestrus and metoestrus in repeat breeder and virgin heifers, 10 (1986) 261

Superfusion of bovine luteal tissue slices: basic secretion, influence of LH on progesterone secretion and influence of superfusion on the preservation of the tissue, 13 (1987) 1

Seasonal changes in plasma concentrations of prolactin, LH, FSH, and testosterone in young adult bulls, 13 (1987) 165

Pituitary responses to a challenge test of GnRH and oestradiol benzoate in postpartum and regularly cyclic dairy cows, 14 (1987) 1

Prepubertal and peripubertal changes in secretory patterns of LH and FSH in beef heifers, 14 (1987) 85

The involvement of progesterone and luteinizing hormone in the termination

of the post-ovulatory rise in plasma oestradiol-17β concentration in cattle, 15 (1987) 27

Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

Correlation of the mating behaviour of bulls with patterns of gonadotrophins and oestrogens in oestrous cows, 15 (1987) 95

Levels of LH, progesterone and estradiol-17β during natural and $PGF_{2\alpha}$-induced estrus in Indobrazil and Brown Swiss cows in the tropics, 16 (1988) 199

Effects of bull seminal plasma extract on release of FSH and LH by GnRH injection in pubertal beef bulls, 17 (1988) 177

Pituitary and ovarian responses to prolonged administration of low doses of GnRH in prepubertal heifers, 18 (1989) 111

Serum inhibin, FSH, LH and testosterone levels and testicular inhibin content in beef bulls from birth to puberty, 20 (1989) 165

Ovarian control of gonadotrophin secretion in the prepubertal heifer, 21 (1989) 1

Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows, 22 (1990) 289

Differences in gonadotrophin secretion post partum between Zebu and European breed cattle, 22 (1990) 311

Plasma LH and FSH after estradiol, norgestomet and Gn-RH treatment in ovariectomized beef heifers, 23 (1990) 263

Effects of a GnRH agonist (Buserelin) on LH secretion in post-partum beef cows, 24 (1991) 1

The association of the pre-ovulatory surge of LH and conception in beef cattle, 24 (1991) 205

LH — deer

Plasma progesterone and LH concentrations during oestrous synchronization in female fallow deer (*Dama dama*), 19 (1989) 143

LH — goat

Effects of anosmia on LH secretion, ovulation and oestrous behaviour induced by males in the anovular Creole goat, 10 (1986) 125

The pattern of luteinizing hormone secretion during pregnancy in goats, 11 (1986) 129

Puberty in the male Nubian goat: serum concentrations of LH, FSH and testosterone from birth through puberty and semen characteristics at sexual maturity, 20 (1989) 91

Effect of male odeur on LH secretion and the induction of ovulation in seasonally anoestrous goats, 22 (1990) 27

Testosterone and LH concentrations in the male Angora goat during puberty, 23 (1990) 319

LH — guinea pig

Effects of active immunization against gonadotropin releasing hormone on serum luteinizing hormone, progesterone levels and estrous cycles in the guinea pig, 4 (1981) 73

LH — horse

FSH and LH activity of PMSG from mares at different stages of gestation, 1 (1978) 137

Puberty in the male pony: plasma gonadotropin concentrations and the effects of castration, 4 (1981) 165

The effect of alternating months of "long days" and "short days" on plasma lutein-

ising hormone and testosterone concentrations in Welsh Mountain Pony stallions, 25 (1991) 51

LH — pig

Prolactin levels and the LH-response to synthetic LH-RH in the lactacting sow, 4 (1981) 155

Attainment of puberty in female pigs: clinical appearance and patterns of progesterone, oestradiol-17β and LH, 4 (1981/1982) 301

Plasma luteinizing hormone during pregnancy in the pig, 5 (1982/1983) 213

Influence of supplemental lighting on serum LH, testosterone and semen quality in prepubertal and postpubertal boars, 8 (1985) 287

Concentrations of LH, prolactin and progesterone in early-pregnant and oestradiol-treated pigs, 10 (1986) 215

Pulsatile secretion of luteinizing hormone and follicle stimulating hormone and their relationship to secretion of estradiol and onset of estrus in weaned sows, 12 (1986) 201

Luteinizing hormone response to different doses of synthetic gonadotropin-releasing hormone during early and late lactation in primiparous sows, 13 (1987) 299

Use of altrenogest alone or in combination with PMSG to control the preovulatory LH surge in gilts, 14 (1987) 147

Perioestrous patterns of circulating LH, FSH, prolactin and oestradiol-17β in the gilt, 14 (1987) 205

Age-related changes in plasma LH and testosterone concentration profiles and fat 5α-androstenone content in the young boar, 15 (1987) 241

Endocrine changes associated with spontaneous luteolysis in sows, I. Temporal relationships among prolactin, prostaglandin $F_{2\alpha}$, progesterone and LH[3], 17 (1988) 115

Involvement of hypothalamic compounds in the expression of estrus in the pig, 18 (1989) 51

Serum progesterone and luteinizing hormone following prostaglandin $F_{2\alpha}$ during the sow's estrous cycle, 19 (1989) 273

Relationship between protein intake during lactation, LH levels and oestrous activity in first-litter sows, 19 (1989) 283

Concentrations of prolactin, LH and FSH after naloxone administration in follicular-phase gilts, 22 (1990) 39

Sensitivity of the hypothalamo–hypophyseal axis to the positive feedback effects of estrogen in ovariectomized anestrous and diestrous sows, 22 (1990) 243

Sex-related differences in the control of gonadotropin concentrations in neonatal pigs, 23 (1990) 123

Inhibitory feedback action of oestradiol on tonic secretion of luteinizing hormone in pre- and postpubertal gilts, 25 (1991) 155

LH — rabbit

Influence of sexual receptivity on LH, FSH and prolactin release after GnRH administration in female rabbits, 20 (1989) 57

LH — sheep

Seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in Romney, Merino and Polled Dorset rams, 1 (1978/1979) 213

Effects of modifying olfactory and pineal gland function on the seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in rams, 1 (1978/1979) 229

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, III. Prolactin and pituitary responsiveness to gonadotrophin releasing hormone in the post partum period, 3 (1980) 57

Increased plasma LH levels in seasonally anovular Merino ewes following the introduction of rams, 3 (1980) 125

Repeatability of LH responses by lambs to monthly challenge with synthetic gonadotrophin releasing hormone (GnRH), 3 (1980) 155

Effect of prolonged administration of small doses of LH-RH and LH-RH analogue [D-Ser (But)^6] Des Gly-NH_2^{10} ethylamide on the release of LH and induction of ovulation in mid-anoestrous ewes, 4 (1981/1982) 269

Effects of oestrogenic pasture on luteinizing hormone levels and the response to GnRH in female lambs, 5 (1982) 7

Effects of progestagen treatments and PMSG on the induction of the preovulatory LH discharge in ewes, 5 (1982/1983) 281

Effects of phyto-estrogenic alfalfa consumption on plasma LH levels in cycling ewes, 6 (1983/1984) 233

The effect of prolonged stress on the oustrous cycles and prolactin secretion in sheep, 7 (1984) 333

Plasma, FSH, LH, prolactin and progesterone profiles of Cheviot ewes with different levels of intake before and after mating, and associated effects on reproductive performance, 8 (1985) 301

Repeatability of the plasma luteinizing-hormone response to two consecutive injections of gonadotropin-releasing hormone to prepubertal ewe-lambs reared in individual pens, 12 (1986) 85

Effects of nutritional supplements on testicular size and the secretion of LH and testosterone in Merino and Booroola rams, 12 (1987) 267

The time of mating and of LH release and subsequent fertility of anoestrous Border Leicester x Merino ewes treated with progestagen and pregnant mare serum gonadotrophin, 13 (1987) 23

The effect of oestradiol benzoate on the duration of oestrus and release of LH in ovariectomized Galway ewe lambs and adult ewes, 13 (1987) 37

Seasonal variation in LH and testosterone responses of rams following the introduction of oestrous ewes, 21 (1989) 249

Diurnal profiles of LH, prolactin and progesterone and their inter-relationships in ewes in high or moderate levels of body condition, 24 (1991) 119

Effects of active immunisation of female lambs against androstenedione on LH secretion, onset of puberty and ovulation rate, 24 (1991) 283

Manipulation of plasma FSH concentrations by administration of bFF affects secretion in seasonally anoestrous ewes, 25 (1991) 115

LH receptors

A quantitative comparison in the bovine of steroids and gonadotropin receptors in normally developing follicles and in follicular and luteinized cysts, 23 (1990) 273

LH-RH — cattle

Plasma androstenedione after injections of dexamethasone and luteinizing hormone releasing hormone in young postpubertal bulls, 4 (1981) 1

Effect of LH-RH on meiotic maturation of preovulatory oocytes in superovulated heifers, 25 (1991) 189

LH-RH — pig

Prolactin levels and the LH-response to synthetic LH-RH in the lactacting sow, 4 (1981) 155

Pulsatile infusion of luteinizing hormone-releasing hormone: effects on luteinizing hormone secretion and ovarian function in prepuberal gilts, 9 (1985) 261

LH-RH — sheep

Effect of prolonged administration of small doses of LH-RH and LH-RH analogue [D-Ser (But)^6] Des Gly-NH_2^{10} ethylamide on the release of LH and induction of ovulation in mid-anoestrous ewes, 4 (1981/1982) 269

LHRH agonist

A comparison of PMSG and LHRH agonist treatment in the induction of ovulation in the anoestrous ewe, 9 (1985) 153

Lipase

Enzymatic degradation of avian follicular tissue by proteases and lipase, 1 (1978) 75

Lipid peroxide

Prevention of the production of lipid peroxide in rooster spermatozoa, 7 (1984) 385

Seasonal changes in total and selenium-dependent glutathione peroxidase activity in bovine semen in relation to lipid peroxide, 17 (1988) 303

Litter size estimation

Comparison of two ultrasonic methods for multiple pregnancy diagnosis in sheep and indicators of multiple pregnant ewes in the blood, 11 (1986) 25

Oestrone sulphate levels in plasma of sows as a basis for prediction of litter size at term, 11 (1986) 51

Direct estimation of estrone sulfate in serum and urine of pregnant swine as indicators of litter size at birth, 15 (1987) 121

Liver

Reproductive performance and fatty liver in Guernsey cows, 5 (1982/1983) 275

Llama

Form and function of the corpus luteum in llamas, 24 (1991) 127

Lymph circulation mechanisms

Flow and composition of ovarian lymph during pregnancy and luteolysis in the ewe, 21 (1989) 223

Malate dehydrogenase

Microfluorometric study of glucose-6-phosphate and malate dehydrogenases in histologically defined areas of the uterus in cyclic and pregnant ewes, 3 (1980/1981) 325

Mastectomy

First postpartum ovulations and corpora lutea in ewes which lamb in the breeding season, 10 (1986) 61

Mastitis–metritis–agalactia syndrome

The initiation of lactation in sows and the mastitis–metritis–agalactia syndrome, 5 (1982) 135

Mating potential

The mating potential of Indonesian sheep, 4 (1981/1982) 251

Behaviour and mating performance of paddock-mated beef bulls, 6 (1983/1984) 153

Mating performance of paddock-mated rams, I. Changes in mating performance, ejaculate characteristics and testicular size during the joining period, 8 (1985) 79

Mating performance of paddock-mated rams, II. Changes in sexual and general activity during the joining period, 8 (1985) 101

Medroxyprogesterone acetate

Control of oestrus in ewe lambs and yearling ewes with medroxyprogesterone acetate and fluorogestone acetate, 5 (1982/1983) 191

Meiosis

In vitro culture and karyotyping of oocytes from 4 to 6 week old lambs, 1 (1978) 25

Effect of LH-RH on meiotic maturation of preovulatory oocytes in superovulated heifers, 25 (1991) 189

Melatonin

Effects of shortened daylength and melatonin treatment on plasma prolactin and melatonin levels in pinealectomised and sham-operated ewes, 5 (1982/1983) 287

Plasma concentrations of melatonin and the onset of puberty in female lambs, 8 (1985) 241

Effects of melatonin treatment on the onset of ovarian activity, reproductive parameters and PRL plasma levels of immature ewes, 13 (1987) 283

Plasma prolactin variations and onset of ovarian activity in lactating anestrous goats given melatonin, 13 (1987) 291

The effect of frequency of administration of melatonin on the time of onset of the breeding season anoestrous ewes, 18 (1989) 13

Plasma prolactin concentrations in barren, pregnant and lactating red deer (*Cervus elaphus*) given melatonin to advance the next breeding season, 18 (1989) 77

Effect of subcutaneous melatonin implants on the seasonal attainment of puberty in female red deer (*Cervus elaphus*), 22 (1990) 145

The effect of melatonin implantation in the middle of the breeding season on the subsequent reproductive activity of Scottish Blackface ewes, 23 (1990) 41

The timing of melatonin treatment affects the seasonal onset of ovarian activity, coat growth and live weight in young red deer hinds, 23 (1990) 49

Mercury

Influence of dietary selenium on metabolism of cadmium and mercury in reproductive tissues of rats, 13 (1987) 143

Mesometrium

Counter current transfer of ^{3}H-PGF$_{2\alpha}$ in the mesometrium: a possible mechanism for prevention of luteal regression, 11 (1986) 259

Prostaglandin F$_{2\alpha}$ back transfer from the mesometrium vasculature into the uterus of the gilt during early pregnancy and estrogen-induced pseudopregnancy, 13 (1987) 199

Milk oestradiol

Luteinizing hormone and oestradiol-17β in blood plasma and milk during the oe-

strous cycle and early pregnancy in Murrah buffaloes, 5 (1982/1983) 247

Milk production

Variation in the milk production, activity rate and electrical impedance of cervical mucus over the oestrous period of dairy cows, 24 (1991) 231

Milk progesterone

Direct radioimmunoassay of progesterone in milk using a radioiodinated progesterone derivative, 3 (1980) 113

Pregnancy testing of cows by determining progesterone levels in milk, 4 (1981/1982) 181

Luteinizing hormone and oestradiol-17β in blood plasma and milk during the oestrous cycle and early pregnancy in Murrah buffaloes, 5 (1982/1983) 247

The effect of exogenous progesterone on plasma LH and milk progesterone concentrations in multiple-suckling postpartum cows, 6 (1983) 103

Development and validation of an enzyme immunoassay for progesterone in bovine milk or blood plasma, 10 (1986) 201

Sensitive enzyme immunoassay of progesterone in skim milk using second-antibody technique, 16 (1988) 225

Application of plasma and milk progesterone assay in pregnancy diagnosis in White Fulani (Zebu) cattle, 19 (1989) 205

Inverse relationships between skimmed milk progesterone and somatic cell counts during gestation and postpartum periods in Bunaji Zebu cows, 23 (1990) 1

Mink

Luteal function in mink: the effects of hypophysectomy after the preimplantation rise in progesterone, 3 (1980) 225

Elimination of infertile male mink from breeding using sperm test, testicular palpation, testosterone test and fine-needle aspiration biopsy of the testis, 11 (1986) 295

Comparison between radioimmunoassay and a new time-resolved fluoroimmunoassay of total serum testosterone in male mink (*Mustela vison*), 12 (1987) 291

Breeding season and pregnancy-associated increase in plasma levels of fibrin/fibrinogen in the mink, 16 (1988) 135

Flushing of mink. Effects of level of preceding feed restriction and length of flushing period on reproductive performance, 17 (1988) 243

Mitosis

Enhancing the mitotic index of blastomeres by thymidine synchronization, 6 (1983/1984) 239

Monkey

Rate of clearance of immunoreactive hCG from the serum of the pregnant bonnet monkey (*Macaca radiata*), 9 (1985) 173

Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17β and progesterone during early pregnancy in the south Indian bonnet monkey (*Macaca radiata*), 22 (1990) 261

Morphine

Involvement of hypothalamic compounds in the expression of estrus in the pig, 18 (1989) 51

Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows, 22 (1990) 289

Morphological scoring system

Morphological scoring system for porcine (12 to 19 days old) embryonic development in vitro, 20 (1989) 299

Mouse

Factors influencing the in vitro hatching of mouse blastocysts, 1 (1978) 181

Interspecies interaction of zona-free ova with spermatozoa in mouse, rat and hamster, 2 (1979) 395

Enhancing the mitotic index of blastomeres by thymidine synchronization, 6 (1983/1984) 239

Involvement of contact stimuli in the male-induced implantation block (the Bruce effect) in mice, 7 (1984) 377

Evaluation of the involvement of the vomeronasal organ in the pheromonal influences on the estrous cycle of the laboratory mouse, 8 (1985) 181

Effect of intranasal irrigation with zinc sulphate on male-induced oestrus in the wild mouse, *Mus musculus domesticus*, 8 (1985) 295

Uterine histamine content in mast-cell deficient (W/W^V) mice during experimentally induced deciduoma formation, 14 (1987) 75

Embryonic mortality caused by maternal heat stress during mouse oocyte maturation, 14 (1987) 309

Mouse embryo development in media containing growth factors, 18 (1989) 125

Effects of unilateral ovariectomy on reproductive traits of mice, 20 (1989) 49

Buffalo fetal cotyledons contain certain factors that suppress compensatory ovarian hypertrophy in mice, 22 (1990) 1

Quick freezing of mouse embryos using ethylene glycol with lactose or sucrose, 22 (1990) 161

Seasonal patterns in the pheromonal regulation of oestrous cyclicity in wild mice, *Mus musculus domesticus*, 22 (1990) 349

Maternal plasma levels of alpha-fetoprotein during oestrous cycles and pregnancy in mice, 23 (1990) 157

In vitro developmental capacity of mouse follicular oocytes recovered at various times after hCG injection and matured in vitro, 23 (1990) 253

Mechanisms mediating the operation of puberty-influencing chemosignals in wild mice, *Mus musculus domesticus*, 25 (1991) 169

MSH

The fetal brain and parturition, 2 (1979) 63

Multiple pregnancy

Multiple ovulation resulting from low level administration of PMSG to cattle at different stages of the oestrous cycle, 5 (1982) 85

The production of mixed-species *Bos taurus–Bos indicus* twin calves, 6 (1983) 79

Muturu

Seasonal variation in the semen characteristics of Muturu (*Bos brachyceros*) bulls, 14 (1987) 31

Mycoplasma

Mycoplasmas in stallion semen, 7 (1984) 343

Myometrium

Nuclear and cytosol steroid hormone receptor levels in the myometrium during pregnancy in the sheep, 6 (1983/1984) 277

Naloxone

Concentrations of prolactin, LH and FSH after naloxone administration in follicular-phase gilts, 22 (1990) 39

Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows, 22 (1990) 289

Norgestomet

Effects of norgestomet-implants and fluorogestone acetate-impregnated sponges on oestrous cycle length and luteal function of ewes, 9 (1985) 63

Plasma LH and FSH after estradiol, norgestomet and Gn-RH treatment in ovariectomized beef heifers, 23 (1990) 263

Luteal life span induced by hCG in *Bos taurus* × *Bos indicus* beef heifers treated with norgestomet for different periods, 24 (1991) 159

Norgestomet-DMSG treatment

Oestrous response and fertility in postpartum anoestrous buffaloes treated with a progestagen, pregnant mares' serum gonadotrophin and prostaglandin during the low breeding season, 8 (1985) 129

Norgestomet-PMSG treatment

Ovarian and uterine responses in relation to norgestomet–PMSG treatment in the true anoestrous buffalo, 16 (1988) 71

Novidium

Effect of novidium (homidium chloride) chemotherapy on elevated spermatozoa morphological abnormalities in the semen of Zebu bulls infected with *Trypanosoma vivax* and *Trypanosoma congolense*, 24 (1991) 249

Oestradiol — buffalo

Luteinizing hormone and oestradiol-17β in blood plasma and milk during the oestrous cycle and early pregnancy in Murrah buffaloes, 5 (1982/1983) 247

Influence of age, weaning, season and body weight on the levels of progesterone, oestradiol-17β and luteinizing hormone in growing buffalo heifers (*Bubalus bubalis*), 9 (1985) 213

Changes in plasma concentrations of luteinizing hormone, progesterone and oestradiol-17β during the periovulatory period in cyclic swamp buffaloes (*Bubalus bubalis*), 11 (1986) 17

Peripheral plasma oestradiol-17β, progesterone and cortisol in buffaloes induced to calve with dexamethasone and vetoestrol, 11 (1986) 111

Pubertal development in the male buffalo: longitudinal analysis of body growth, testicular size and serum profiles of testosterone and oestradiol, 19 (1989) 161

Oestradiol — camel

Plasma LH, corticoid and sex steroid variations in camels (*Camelus dromedarius*) in relation to seasonal climatic changes, 21 (1989) 101

Oestradiol — cattle

The effectiveness of steers and heifers treated with oestrogen or testosterone to detect oestrus in cattle, 3 (1980/1981) 259

Serum hormone levels and occurrence of oestrus following use of an intravaginal device containing progesterone and oestradiol 17β in heifers, 3 (1980/1981) 271

Concentrations of oestradiol-17β and progesterone in the plasma of dairy heifers before and after cloprostenol-induced

and natural luteolysis and during early pregnancy, 4 (1981) 93

^{3}H-Oestradiol-17β counter current transfer from the ovarian vein into the ovarian artery in cows, 4 (1981/1982) 199

Progesterone production by dispersed luteal cells of non-pregnant cows: effects of oxytocin and oestradiol, 7 (1984) 441

Comparison of females treated with oestradiol or testosterone to detect oestrus in dairy cattle maintained indoors year-round, 9 (1985) 119

Effects of gonadotropins and steroids on the subsequent fertilizability of extrafollicular bovine oocytes cultured in vitro, 9 (1985) 323

Twenty-four-hour secretory patterns of cortisol, progesterone and estradiol in heifers during the follicular and luteal phases of the ovarian cycle, 9 (1985) 341

Peripheral plasma concentrations of oestradiol, progesterone, cortisol, LH and prolactin during the oestrous cycle in the cow, with emphasis on the peri-oestrous period, 10 (1986) 275

Uterine protein profiles in ovariectomized dairy cows administered progesterone and estradiol-17β, 11 (1986) 161

Pituitary responses to a challenge test of GnRH and oestradiol benzoate in postpartum and regularly cyclic dairy cows, 14 (1987) 1

The involvement of progesterone and luteinizing hormone in the termination of the post-ovulatory rise in plasma oestradiol-17β concentration in cattle, 15 (1987) 27

Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

Correlation of the mating behaviour of bulls with patterns of gonadotrophins and oestrogens in oestrous cows, 15 (1987) 95

Levels of LH, progesterone and estradiol-17β during natural and $PGF_{2\alpha}$-induced estrus in Indobrazil and Brown Swiss cows in the tropics, 16 (1988) 199

Pituitary and ovarian responses to prolonged administration of low doses of GnRH in prepubertal heifers, 18 (1989) 111

Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows, 22 (1990) 289

Plasma LH and FSH after estradiol, norgestomet and Gn-RH treatment in ovariectomized beef heifers, 23 (1990) 263

Vulvar electrical impedance in periparturient cows and its relation to plasma progesterone, oestradiol-17β and PGFM, 23 (1990) 283

Systemic 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ (PGFM) response to exogenous estradiol by luteal heifers on Days 14 and 19 of the estrous cycle and on Day 19 of pregnancy, 25 (1991) 31

Oestradiol — general

The involvement of estradiol at the time of implantation in placental mammals, 7 (1984) 467

Oestradiol — horse

Effect of administration of estradiol and progesterone, and bacterial contamination, on endometrial morphology of acyclic mares, 9 (1985) 317

Effect of exogenous estradiol on mobility and fixation of the early equine conceptus, 16 (1988) 159

Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development, 22 (1990) 131

Oestradiol — monkey

Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17β and progesterone during early pregnancy in the south Indian bonnet monkey (*Macaca radiata*), 22 (1990) 261

Oestradiol — pig

Plasma prolactin, progesterone and oestradiol-17β concentrations around parturition in the pig, 1 (1978/1979) 257

Attainment of puberty in female pigs: clinical appearance and patterns of progesterone, oestradiol-17β and LH, 4 (1981/1982) 301

Endocrine pattern and external oestrous symptoms at second and fourth oestrus in gilts, 6 (1983/1984) 301

Fertility of sows injected with exogenous oestradiol and/or gonadotrophins to control post-weaning oestrus, 8 (1985) 365

The effect of a Gram-negative bacterial endotoxin and cloprostenol on the plasma levels of 15-keto-13,14-dihydro-$PGF_{2\alpha}$, progesterone, oestradiol-17β, oestrone sulphate and luteinizing hormone in non-pregnant and 60-day-pregnant gilts, 10 (1986) 147

Concentrations of LH, prolactin and progesterone in early-pregnant and oestradiol-treated pigs, 10 (1986) 215

Histomorphological comparison of the ovaries in early-pregnant and oestradiol-treated pigs, 10 (1986) 225

Pulsatile secretion of luteinizing hormone and follicle stimulating hormone and their relationship to secretion of estradiol and onset of estrus in weaned sows, 12 (1986) 201

Perioestrous patterns of circulating LH, FSH, prolactin and oestradiol-17β in the gilt, 14 (1987) 205

The effect of fetal hypophysectomy and fetal death in gilts with small litters on concentrations of relaxin, progesterone and estradiol-17β, 16 (1988) 107

The effect of oxytocin on steroid hormone secretion by isolated porcine follicular cells in tissue culture, 17 (1988) 141

Effect of intraluteal estradiol-17β implants on weight and progesterone secretion of porcine corpora lutea, 20 (1989) 221

The effect of pregnant mare serum gonadotropin on follicle stimulating hormone and estradiol secretion in the prepuberal gilt, 21 (1989) 93

Sensitivity of the hypothalamo–hypophyseal axis to the positive feedback effects of estrogen in ovariectomized anestrous and diestrous sows, 22 (1990) 243

Effect of intra-uterine oestradiol-17β administration on inter-oestrous interval in the pig, 24 (1991) 305

Inhibitory feedback action of oestradiol on tonic secretion of luteinizing hormone in pre- and postpubertal gilts, 25 (1991) 155

Oestradiol — rat

The action of high doses of oestradiol on implantation and decidual reaction in the rat, 1 (1978) 93

Oestradiol — sheep

Induction of male behaviour in ovariectomized ewes and ovariectomized-androgenized ewes chronically implanted with oestradiol-17β or testosterone, 1 (1978/1979) 305

Nuclear and cytosol steroid hormone receptor levels in the myometrium during pregnancy in the sheep, 6 (1983/1984) 277

Plasma concentrations of testosterone, androstenedione, progesterone, oestradiol-17β, LH and FSH during the preovulatory period in the ewe, 7 (1984) 521

Treatment with progesterone affects follicular steroidogenesis in anoestrous ewes, 14 (1987) 273

Oestradiol-17β in testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs and in jugular venous plasma of castrated prepubertal lambs, 22 (1990) 9

Regulation of pituitary GnRH receptors by continuous infusion of GnRH in the seasonally anoestrous ewe: evidence of ovarian involvement, 24 (1991) 271

Oestradiol benzoate

The effect of oestradiol benzoate on the duration of oestrus and release of LH in ovariectomized Galway ewe lambs and adult ewes, 13 (1987) 37

Oestrogens, general — camel

Mating-dependent endocrinological variations in female *Camelus dromedarius*, 21 (1989) 73

Oestrogens, general — cattle

Epitestosterone and oestrogen concentration in plasma of cows during induction of parturition with prostaglandin $F_{2\alpha}$, 14 (1987) 245

Cytosol estrogen and progesterone receptors in bovine endometrium after uterine involution postpartum and in the estrous cycle, 17 (1988) 9

Mammary secretion of oestrogens and prostaglandin $F_{2\alpha}$ in cows near parturition, 17 (1988) 297

Oestrogens, general — goat

Estrone and estrone conjugate plasma levels throughout pregnancy in the goat: their determination as a pregnancy diagnosis test, 11 (1986) 35

Oestrogens, general — horse

Seasonal changes in the concentration of estrogens and testosterone in the plasma of the stallion, 1 (1978/1979) 205

Progestagen, androgen and oestrogen levels in plasma and ovarian follicular fluid during the oestrous cycle of the mare, 12 (1987) 255

Sephadex column radioimmunoassay of metabolized oestrone for the monitoring of follicular function and early pregnancy detection in mares, 17 (1988) 281

Oestrogens, general — pig

Relationship between ultrastructure and oestrogen levels in the porcine placenta, 11 (1986) 139

Pregnancy diagnosis in sows by estimation of oestrogens in blood, urine or faeces, 15 (1987) 209

Relaxin, progesterone and estrogen profiles in sow plasma during natural and induced parturitions, 20 (1989) 213

Endocrine changes associated with spontaneous luteolysis in sows, II. Temporal relationships among the concentrations of A_4, T, E_1 and E_2 measured in uteroovarian vein plasma, 21 (1989) 53

Characterization of cystic endometrial hyperplasia (CEH) in swine leukocyte antigen (SLA) miniature swine; serum hormone and endometrial estrogen receptor concentrations, 22 (1990) 99

Effect of seminal oestrogens of the boar on prostaglandin $F_{2\alpha}$ release from the uterus of the sow, 23 (1990) 145

Oestrogens, general — sheep

The immunization of ewes against steroids as a means of increasing prolificacy in a Mediterranean environment, 13 (1987) 45

The efficacy of ram introduction, GnRH administration, and immunisation against androstenedione and oestrone for the induction of oestrus and ovulation in anoestrous post-partum ewes, 21 (1989) 237

Oestrone sulphate

Simulation of pregnancy levels of plasma oestrone sulphate by infusion in the non-pregnant mare: a preliminary study, 3 (1980) 101

The effect of a Gram-negative bacterial endotoxin and cloprostenol on the plasma levels of 15-keto-13,14-dihydro-$PGF_{2\alpha}$, progesterone, oestradiol-17β, oestrone sulphate and luteinizing hormone in non-pregnant and 60-day-pregnant gilts, 10 (1986) 147

Oestrone sulphate levels in plasma of sows as a basis for prediction of litter size at term, 11 (1986) 51

Direct estimation of estrone sulfate in serum and urine of pregnant swine as indicators of litter size at birth, 15 (1987) 121

Oestrus control — buffalo

Oestrus synchronization in buffaloes (*Bubalus bubalis*), 3 (1980) 107

Effect of progesterone releasing intravaginal device (PRID) on fertility in the post-partum buffalo cow, 6 (1983) 111

Oestrous response and fertility in post-partum anoestrous buffaloes treated with a progestagen, pregnant mares' serum gonadotrophin and prostaglandin during the low breeding season, 8 (1985) 129

Reproduction in swamp buffalo cows after oestrous synchronisation at two mating seasons and two levels of nutrition, 11 (1986) 99

Induction and synchronization of oestrus and fertility in seasonally anoestrous buffaloes with GnRH and a PGF analog, 25 (1991) 109

Oestrus control — cattle

Control of oestrus in cattle using progesterone coils, 1 (1978) 145

Onset of oestrus and fertility in lactating dairy cows injected with an analogue of prostaglandin $F_{2\alpha}$, cloprostenol, 3 (1980) 171

The response of lactating Africander cows to treatment with a progesterone-releasing intravaginal device or injection of synthetic GnRH, 3 (1980) 181

Serum hormone levels and occurrence of oestrus following use of an intravaginal device containing progesterone and oestradiol 17β in heifers, 3 (1980/1981) 271

The effect of "Estrumate" followed by progesterone coils on oestrus synchronization and conception of post-partum beef and dairy cows, 4 (1981) 117

An intravulvosubmucous injection of prostaglandin $F_{2\alpha}$ in anoestrous cows, 5 (1982) 1

Levels of LH, progesterone and estradiol-17β during natural and $PGF_{2\alpha}$-induced estrus in Indobrazil and Brown Swiss cows in the tropics, 16 (1988) 199

Ovulatory responses to continuous administration of GnRH in nine-month-old prepubertal beef heifers, 22 (1990) 271

The use of lower doses of the prostaglandin analogue, cloprostenol, for oestrus synchronization in heifers, 25 (1991) 93

Oestrus control — deer

Plasma progesterone and LH concentrations during oestrous synchronization in female fallow deer (*Dama dama*), 19 (1989) 143

Oestrus control — goat

Ovarian responses of anoestrous goats to stimulation with pregnant mare serum gonadotrophin, 5 (1982) 15

Synchronisation of oestrus of goats treated with progestagen-impregnated intravaginal sponges and PMSG, and reproductive performance following natural mating or A.I. with frozen semen, 5 (1982) 111

Effects of a progestagen on buck-induced short ovarian cycles in the Creole meat goat, 9 (1985) 87

Doses of prostaglandin analogue "cloprostenol" by intravulvo-submucosal (IVSM) injections effective for the induction of oestrus in goats, 14 (1987) 139

Oestrus control — mouse

Effect of intranasal irrigation with zinc sulphate on male-induced oestrus in the wild mouse, *Mus musculus domesticus*, 8 (1985) 295

Oestrus control — pig

Induction of oestrus in anoestrous, first litter sows with pregnant mares' serum gonadotrophin, 5 (1982) 41

Fertility of sows injected with exogenous oestradiol and/or gonadotrophins to control post-weaning oestrus, 8 (1985) 365

Oestrus synchronization and fixed-time artificial insemination in the weaned sow, 11 (1986) 151

Changes in plasma gonadotropins, ovarian steroids and inhibin concentrations in gilts following progesterone treatment with implantable osmotic pumps, 20 (1989) 287

Control of oestrus in gilts, I. Management-induced puberty, 22 (1990) 221

Control of oestrus in gilts, II. Synchronization of oestrus with a progestagen, altrenogest (Regumate): effect on fertility and litter size, 22 (1990) 227

Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG, 22 (1990) 235

Oestrus control — rat

Evaluation of a fatty acid cyclo-oxygenase inhibitor as a potential agent for synchronizing oestrus and mating, 11 (1986) 223

Oestrus control — sheep

Comparison of control of oestrus and ovulation in sheep by an ear implant (SC-21009) or by intravaginal sponge (Cronolone or MAP), 1 (1978/1979) 275

Stimulation of seasonally anovular Merino ewes by rams, I. Time from introduction of the rams to the preovulatory LH surge and ovulation, 1 (1978/1979) 283

Stimulation of seasonally anovular Merino ewes by rams, II. Premature regression of ram-induced corpora lutea, 1 (1978/1979) 291

Control of oestrus in ewe lambs and yearling ewes with medroxyprogesterone acetate and fluorogestone acetate, 5 (1982/1983) 191

Induction of fertile oestrus in seasonally anoestrous ewes with low doses of GN-RH, 7 (1984) 413

Effects of norgestomet-implants and fluorogestone acetate-impregnated sponges on oestrous cycle length and luteal function of ewes, 9 (1985) 63

Progestagens, PMSG and the "ram effect" after artificial insemination in spring to synchronise non-pregnant ewes, 10 (1986) 117

Plasma FSH concentrations in seasonally anoestrous ewes induced to ovulate with

repeated injections or continuous infusion of GnRH, 14 (1987) 53

Effects of progesterone pretreatment and duration of ram exposure on synchronization of estrus, conception and pregnancy by prostaglandin during seasonal anestrus, 17 (1988) 185

Evaluation of progesterone controlled internal drug release dispensers for synchronization of estrus in sheep, 18 (1989) 205

Studies on increasing breeding frequency in the ewe 2. The endocrine status of lactating ewes induced to ovulate 28, 35 or 42 days post-partum, 18 (1989) 271

The efficacy of ram introduction, GnRH administration, and immunisation against androstenedione and oestrone for the induction of oestrus and ovulation in anoestrous post-partum ewes, 21 (1989) 237

Effect of progestagen treatments on the incidence of oestrus and pregnancy rates in ewes, 24 (1991) 109

Oestrus cycle dynamics

The oestrous cycle in the large-eared hedgehog, *Hemiechinus auritus* Gmelin, 13 (1987) 157

Oestrous cycle dynamics in peri-pubertal and mature Javanese thin-tail sheep, 16 (1988) 61

Silent oestrus manifestations in Nigerian Bunaji Zebu cows, 21 (1989) 79

Follicular growth during the oestrous cycle in Peul sheep, 21 (1989) 201

Effect of the stage of the oestrous cycle and the frequency of sample collection on the composition of ovine uterine fluids, 21 (1989) 213

Oestrus detection

The effectiveness of steers and heifers treated with oestrogen or testosterone to detect oestrus in cattle, 3 (1980/1981) 259

Remote temperature sensing of oestrous cycles in cattle, 4 (1981/1982) 261

Compatibility between serum progesterone profile and rectal/clinical findings in normal cycling, suboestrus, and after treatment with prostaglandin in suboestrous buffaloes, 8 (1985) 137

Comparison of females treated with oestradiol or testosterone to detect oestrus in dairy cattle maintained indoors yearround, 9 (1985) 119

A comparison of three methods of oestrus detection in commercial dairy herds verified by serum progesterone analysis, 10 (1986) 1

Pedometer detection of prostaglandin $F_{2\alpha}$-induced luteolysis and estrus in the Egyptian buffalo, 11 (1986) 237

Cell density, fluid volume and electrolyte content of bovine vulvar tissue during oestrus and dioestrus, 22 (1990) 281

Olfaction

Effects of modifying olfactory and pineal gland function on the seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in rams, 1 (1978/1979) 229

Evaluation of the involvement of the vomeronasal organ in the pheromonal influences on the estrous cycle of the laboratory mouse, 8 (1985) 181

Effect of lighting regimen, rearing in isolation and olfactory bulbectomy on growth and puberty in Yorkshire gilts, 9 (1985) 51

Effects of anosmia on LH secretion, ovulation and oestrous behaviour induced by males in the anovular Creole goat, 10 (1986) 125

Oocyte characteristics

Observations on the loss of the cellular vestment surrounding superovulated sheep oocytes, 15 (1987) 169

The assessment of follicular parameters for the selection of oocytes recovered from superovulated heifers, 23 (1990) 181

Oocyte culture

In vitro culture and karyotyping of oocytes from 4 to 6 week old lambs, 1 (1978) 25

The influence of culture temperature on in vitro maturation of bovine oocytes, 9 (1985) 205

Effects of gonadotropins and steroids on the subsequent fertilizability of extrafollicular bovine oocytes cultured in vitro, 9 (1985) 323

Effect of temperature on the ultrastructure of bovine oocytes in culture, 12 (1986) 13

Oocyte maturation

Embryonic mortality caused by maternal heat stress during mouse oocyte maturation, 14 (1987) 309

In vitro developmental capacity of mouse follicular oocytes recovered at various times after hCG injection and matured in vitro, 23 (1990) 253

Effects of GnRH on preovulatory endocrinology and oocyte maturation in PMSG-superovulated cows, 24 (1991) 37

Effect of LH-RH on meiotic maturation of preovulatory oocytes in superovulated heifers, 25 (1991) 189

Oocyte recovery

Comparison of two methods for recovery of ovarian oocytes from slaughter cattle, 7 (1984) 461

Orchitis

Seminal ribonuclease of bulls—biosynthesis in normal and orchitic bulls and correlation with blood plasma hormone levels, 3 (1980) 1

Osmotic pumps

Changes in plasma gonadotropins, ovarian steroids and inhibin concentrations in gilts following progesterone treatment with implantable osmotic pumps, 20 (1989) 287

Ovarian cysts

Progesterone, 17α-hydroxyprogesterone, androgens and oestrogens in bovine ovarian cysts, 5 (1982/1983) 175

Ovariectomy

Induction of male behaviour in ovariectomized ewes and ovariectomized-androgenized ewes chronically implanted with oestradiol-17β or testosterone, 1 (1978/1979) 305

Effects of an agonist of gonadotrophin releasing hormone in cattle, II. Interactions with injected prostaglandin $F_{2\alpha}$ and unilateral ovariectomy, 8 (1985) 213

Plasma concentrations of progesterone in ovariectomized and prepubertal heifers following intravaginal and intramuscular administration of progesterone, 11 (1986) 81

Uterine protein profiles in ovariectomized dairy cows administered progesterone and estradiol-17β, 11 (1986) 161

The ovulation rate after unilateral ovariectomy in the Booroola Merino ewe, 18 (1989) 149

A note on fertility of cyclic beef females following acute unilateral ovariectomy, 18 (1989) 155

Effects of unilateral ovariectomy on reproductive traits of mice, 20 (1989) 49

Plasma progesterone concentrations in cycling and in ovariectomised red deer hinds: the effect of progesterone supplementation and adrenal stimulation, 23 (1990) 61

Ovary

Role of the mesosalpinx and oviduct vasculature in the counter-current transfer of steroid hormones into the ovary, 5 (1982) 25

Ovarian morphology, plasma progesterone concentrations and early embryo survival in the sow, 5 (1982) 127

Histomorphological comparison of the ovaries in early-pregnant and oestradiol-treated pigs, 10 (1986) 225

Laparoscopic examination of the ovarian activity in Alpacas, 21 (1989) 271

Oviduct

Histochemical identification of the glycocalyx layer in the bovine oviduct and endometrium, 3 (1980) 189

Influence of substance P on in vitro motility of the oviduct and intestine in the domestic hen, 21 (1989) 293

Oviduct motility

Influence of prostaglandins on the spontaneous motility of pig oviducts, 8 (1985) 259

Ovulation — cattle

A preliminary report on the treatment of ovulation failure in cows with gonadotropin-releasing hormone analog or human chorionic gonadotropin combined with insemination, 7 (1984) 489

Effect of intermittent injections of gonadotrophin releasing hormone at various frequencies on the release of luteinizing hormone and ovulation in dairy cows, 8 (1985) 335

Estrual rise in body temperature in the bovine, I. Temporal relationships with serum patterns of reproductive hormones, 23 (1990) 89

Estrual rise in body temperature in the bovine, II. The temporal relationship with ovulation, 23 (1990) 99

Ovulation — goat

PMSG may directly stimulate ovulation in female goats, 25 (1991) 233

Ovulation — horse

Duration and pattern of follicular evacuation during ovulation in the mare, 15 (1987) 131

Ultrasonic characterization of follicular evacuation during ovulation and fate of the discharged follicular fluid in mares, 20 (1989) 131

Ovulation — pig

The plasminogen activator activity is markedly increased mainly at the area of the rupture of the follicular wall at the time of ovulation, 16 (1988) 285

Ovulation — poultry

Inhibitory effect of serotonin on ovulation in the domestic fowl, *Gallus domesticus*, 1 (1978) 69

Enzymatic degradation of avian follicular tissue by proteases and lipase, 1 (1978) 75

Ovulation — sheep

A comparison of PMSG and LHRH agonist treatment in the induction of ovulation in the anoestrous ewe, 9 (1985) 153

Ovulation rate

Interactions between dietary protein, ovulation rate and follicle stimulating hormone level in the ewe, 4 (1981) 19

Ovulatory patterns in the squirrel monkey (*Saimiri sciureus*), 4 (1981) 55

Ovulation rates of first cross Booroola compared with local breed ewes following differential feeding, 6 (1983/1984) 209

Ovulation rate and embryo survival in young ewes mated either at puberty or at the second or third oestrus, 8 (1985) 41

Follicle populations, ovulation rates and plasma profiles of LH, FSH and prolactin in Scottish Blackface ewes in high and low levels of body condition, 10 (1986) 105

Plasma follicle stimulating hormone, ovulation rate and fertility in Merino ewes treated with bovine follicular fluid, 16 (1988) 27

Year and season effects on oestrus and ovarian activity in ewes of different breeds and crosses, 16 (1988) 39

Seasonal changes in ovulation rate in Coopworth ewes maintained at different liveweights, 17 (1988) 197

The ovulation rate after unilateral ovariectomy in the Booroola Merino ewe, 18 (1989) 149

Reproductive performances of Creole and Black-Belly ewes in the West Indies. A new major gene controlling ovulation rate?, 19 (1989) 235

Effect of dose of pregnant mare serum gonadotrophin on estrus parameters, ovulation rate and peripheral progesterone concentrations in Yankasa ewes, 20 (1989) 255

Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates on Romney ewes, 22 (1990) 121

Ovulatory follicle

Follicular populations during the estrous cycle in heifers, III. Time of selection of the ovulatory follicle, 16 (1988) 81

Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development, 22 (1990) 131

Effect of day of prostaglandin $F_{2\alpha}$ treatment on selection and development of the ovulatory follicle in heifers, 23 (1990) 169

Ovum quality

Survival of fertilized ova from ewe lambs and adult ewes in the uteri of ewe lambs, 8 (1985) 235

Oxytocin — cattle

Oxytocin determination by RIA in cows around parturition, 2 (1979) 267

Progesterone production by dispersed luteal cells of non-pregnant cows: effects of oxytocin and oestradiol, 7 (1984) 441

The effect of oxytocin on progesterone secretion and of $PGF_{2\alpha}$ on oxytocin secretion from bovine luteal and granulosa cells in culture, 22 (1990) 297

Effect of $PGF_{2\alpha}$ analogue on ovarian oxytocin and progesterone release in heifers: catecholamines are not involved in this process, 25 (1991) 1

Oxytocin — general

The neurohypophysial hormones, 2 (1979) 43

Oxytocin — goat

Effect of progesterone administration on the release of uterine prostaglandin $F_{2\alpha}$ and ovarian oxytocin in the goat, 13 (1987) 191

Oxytocin — pig

The effect of oxytocin on steroid hormone secretion by isolated porcine follicular cells in tissue culture, 17 (1988) 141

Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows, 22 (1990) 109

Oxytocin — primates

The fetal brain and parturition, 2 (1979) 63

Oxytocin — sheep

Ovarian oxytocin and luteal function in the early pregnant sheep, 7 (1984) 101

Differential responsiveness to oxytocin of the uterus and cervix in the ovariectomized ewe, 7 (1984) 421

The effect of different rates of oxytocin infusion on the progesterone primed uterus in chronically catheterised, ovariectomised ewes, 17 (1988) 69

Parasitic infestations

The influence of parasitic infestations on metabolism, puberty and first mating performance of heifers grazing in a tropical area, 16 (1988) 177

Effect of novidium (homidium chloride) chemotherapy on elevated spermatozoa morphological abnormalities in the semen of Zebu bulls infected with *Trypanosoma vivax* and *Trypanosoma congolense*, 24 (1991) 249

Parturition — buffalo

Peripheral plasma oestradiol-17β, progesterone and cortisol in buffaloes induced to calve with dexamethasone and vetoestrol, 11 (1986) 111

Parturition — cattle

Peripartal changes in plasma progesterone and 15-keto-13,14-dihydro-prostaglandin $F_{2\alpha}$ concentrations in Holstein cows with or without retained foetal membranes, 7 (1984) 497

Functional status of the peri-partum bovine corpus luteum, 8 (1985) 193

Epitestosterone and oestrogen concentration in plasma of cows during induction of parturition with prostaglandin $F_{2\alpha}$, 14 (1987) 245

External signs of preparation for calving and course of parturition in Swedish dairy cattle breeds, 15 (1987) 61

The influence of relative birth weight and certain other factors on calving performance in Swedish dairy cattle breeds, 15 (1987) 81

Dystocia, pelvic and cervical dilatation in beef heifers after induction of parturition with relaxin combined with cloprostenol or dexamethasone, 16 (1988) 237

Concentration of growth hormone, prolactin and cortisol in fetal and maternal blood and amniotic fluid during late pregnancy and parturition in cows with cannulated fetuses, 17 (1988) 51

Mammary secretion of oestrogens and prostaglandin $F_{2\alpha}$ in cows near parturition, 17 (1988) 297

Parturition — goat

Preliminary study on treatment of ringwomb in Iraqi goats, 18 (1989) 199

Parturition — pig

Plasma prolactin, progesterone and oestradiol-17β concentrations around parturition in the pig, 1 (1978/1979) 257

Induction of parturition in crossbred sows with cloprostenol, an analogue of prostaglandin $F_{2\alpha}$, 3 (1980) 161

Age of first breeding and incidence of dystocia and losses at parturition and postpartum in the indigenous Nigerian pig, 4 (1981) 149

Induction of parturition with prostaglandin analogs under field conditions, 8 (1985) 171

The influence of allyl trenbolone (Regumate) on the timing, duration and endocrinology of parturition in sows, 9 (1985) 163

Interrelationships between endocrine changes in peripheral and uterine-venous blood and uterine activity at parturition in the pig, 11 (1986) 283

Concentrations of steroid hormones, and of relaxin, in utero-ovarian venous plasma of periparturient sows, 15 (1987) 227

Relaxin, progesterone and estrogen profiles in sow plasma during natural and induced parturitions, 20 (1989) 213

Endocrine changes following infusion of fetal pigs with corticotropin in litters of reduced numbers, 23 (1990) 109

Parturition — rabbit

Routine grouping parturitions when using a new synthetic analogue of prostaglandin $F_{2\alpha}$ (Etiproston) administered in rabbits on day 29 of pregnancy, 19 (1989) 299

Parturition — sheep

Parturition difficulties in sheep, 9 (1985) 365

Parturition

Special Issue, "Physiology and Control of Parturition in Domestic Animals", 2 (1979) 1–324.

Pedometer

Pedometer detection of prostaglandin $F_{2\alpha}$-induced luteolysis and estrus in the Egyptian buffalo, 11 (1986) 237

PGFM

Vulvar electrical impedance in periparturient cows and its relation to plasma progesterone, oestradiol-17β and PGFM, 23 (1990) 283

Pharmacology

Pharmacology of parturition and abortion, 2 (1979) 133

Prolactin secretion after hypophysial stalk transection in prepuberal beef heifers, 18 (1989) 61

Pheromones

Source of ram pheromones that stimulate ovulation in the ewe, 3 (1980) 133

Effects of boar pheromones, ram's wool and presence of bucks on ovarian activity in anovular ewes early in the breeding season, 6 (1983) 129

Involvement of contact stimuli in the male-induced implantation block (the Bruce effect) in mice, 7 (1984) 377

Evaluation of the involvement of the vomeronasal organ in the pheromonal influences on the estrous cycle of the laboratory mouse, 8 (1985) 181

The involvement of boar submaxillary salivary gland secretions in boar-induced precocious puberty attainment in the gilt, 16 (1988) 125

Effect of male odeur on LH secretion and the induction of ovulation in seasonally anoestrous goats, 22 (1990) 27

Seasonal patterns in the pheromonal regulation of oestrous cyclicity in wild mice, *Mus musculus domesticus*, 22 (1990) 349

Phospholipid-binding protein

The haemolytic factor (phospholipid-binding protein) of the bull reproductive tract—its synthesis and effect on spermatozoal cytoplasm droplets, 3 (1980) 195

Synthesis of phospholipid-binding protein in the reproductive organs of the bull during ontogenesis, 3 (1980) 207

The phospholipid-binding protein of the reproductive tract of the bull—effect on the removal of spermatozoal cytoplasm droplets in other species and influence of antibodies on its reactivity, 7 (1984) 433

Phospholipids

Stallion sperm and seminal plasma phospholipids and glycerylphosphorylcholine, 11 (1986) 207

Photoperiod

Photoperiodic dissection of endocrine events at parturition, 2 (1979) 97

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, I. Comparative reproductive performance of four breed types of ewe, 3 (1980) 23

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, II. Pituitary and gonadal responses of ewes and rams to a six-monthly light cycle, 3 (1980) 39

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, III. Prolactin and pituitary responsiveness to gonadotrophin releasing hormone in the post partum period, 3 (1980) 57

Circadian basis of photoperiodically induced testicular growth in redheaded bunting, *Emberiza bruniceps*, 4 (1981/1982) 245

Evidence for a circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 5 (1982) 65

Circadian function in the photoperiodic induction of testicular growth in the common Indian rosefinch, *Carpodacus erythrinus*, 5 (1982/1983) 223

Effects of shortened daylength and melatonin treatment on plasma prolactin and melatonin levels in pinealectomised and sham-operated ewes, 5 (1982/1983) 287

The influence of artificial photoperiod on the growth, appetite and reproductive status of male red deer and sheep, 6 (1983/1984) 291

Influence of supplemental lighting on serum LH, testosterone and semen quality in prepubertal and postpubertal boars, 8 (1985) 287

Effect of lighting regimen, rearing in isolation and olfactory bulbectomy on growth and puberty in Yorkshire gilts, 9 (1985) 51

The influence of breed, season and photoperiod on semen characteristics, testicular size, libido and plasma hormone concentrations in rams, 9 (1985) 241

Does the internal coincidence model operate in the subtropical population of house sparrow, *Passer domesticus*?, 9 (1985) 295

Photoperiodic regulation of reproduction in mammals breeding during long days versus mammals breeding during short days, 9 (1985) 301

Participation of the circadian component in the photoperiodic mechanism of the blackheaded bunting, *Emberiza melanocephala*, 9 (1985) 375

Response to ultra-short photoperiods by the subtropical yellow-throated sparrow, *Gymnorhis xanthocollis*, 10 (1986) 237

Photoperiodic control of testicular growth in the ram lamb, 13 (1987) 255

Influence of varying intensities of supplemental lighting during decreasing daylengths on puberty in gilts, 16 (1988) 295

Repeatability of scrotal size and semen quality measurements in rams in a short-day light regime, 19 (1989) 19

Seminal vesicle activity during cyclic or stabilized testicular activity in rams, 24 (1991) 85

The effect of alternating months of "long days" and "short days" on plasma luteinising hormone and testosterone concentrations in Welsh Mountain Pony stallions, 25 (1991) 51

Exposure of ewes to long-day photoperiods before the winter solstice can disrupt refractoriness to short days, 25 (1991) 225

Phyto-oestrogens

Action of phyto-oestrogens coumestrol and genistein on cytosolic and nuclear oestradiol-17β receptors in immature rat uterus, 3 (1980) 233

Effects of oestrogenic pasture on luteinizing hormone levels and the response to GnRH in female lambs, 5 (1982) 7

Effects of phyto-estrogenic alfalfa consumption on plasma LH levels in cycling ewes, 6 (1983/1984) 233

Pig — artificial insemination

Oestrus synchronization and fixed-time artificial insemination in the weaned sow, 11 (1986) 151

Effect of insemination conditions on reproductive performance during early pregnancy of gilts kept under different social conditions, 23 (1990) 335

Pig — behaviour

Oestrus behaviour in relation to fertility and fecundity of gilts, 5 (1982) 117

The effects of individual and group housing on sexual behaviour and pregnancy in pigs, 25 (1991) 265

Pig — embryology

Blastocyst expansion, hatching, and attachment of porcine embryos cocultured with bovine fibroblasts in vitro, 5 (1982) 57

Protein content and volume of early porcine blastocysts, 5 (1982/1983) 207

Morphological scoring system for porcine (12 to 19 days old) embryonic development in vitro, 20 (1989) 299

Development of porcine embryos following microsurgical blastomere transplantation, 24 (1991) 315

Pig — endocrinology

Plasma prolactin, progesterone and oestradiol-17β concentrations around parturition in the pig, 1 (1978/1979) 257

Patterns of endocrine change in the pig foetus, 2 (1979) 289

Prostaglandins in the foetal pig and prepartum endocrine changes in mother and foetus, 2 (1979) 305

Endocrinology of parturition in the pig, 2 (1979) 323

Developmental patterns of plasma dehydroepiandrosterone sulfate and testosterone in male pigs, 3 (1980) 73

Evaluation of porcine corpora lutea during organ culture: a histological, ultrastructural and hormonal assessment, 4 (1981) 29

Prolactin levels and the LH-response to synthetic LH-RH in the lactacting sow, 4 (1981) 155

Attainment of puberty in female pigs: clinical appearance and patterns of progesterone, oestradiol-17β and LH, 4 (1981/1982) 301

Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

Plasma luteinizing hormone during pregnancy in the pig, 5 (1982/1983) 213

Endocrine pattern and external oestrous symptoms at second and fourth oestrus in gilts, 6 (1983/1984) 301

The influence of prolactin (PRL) on progesterone secretion by porcine luteal cells in vitro, 7 (1984) 351

Effects of acute and chronic testicular hyperthermia on levels of testosterone and corticosteroids in plasma of boars, 7 (1984) 391

Effect of active immunization against androstenedione on ovarian function in dairy cows and prepubertal gilts, 8 (1985) 349

Fertility of sows injected with exogenous oestradiol and/or gonadotrophins to control post-weaning oestrus, 8 (1985) 365

Pulsatile infusion of luteinizing hormone-releasing hormone: effects on luteinizing hormone secretion and ovarian function in prepuberal gilts, 9 (1985) 261

The effect of a Gram-negative bacterial endotoxin and cloprostenol on the plasma levels of 15-keto-13,14-dihydro-$PGF_{2\alpha}$, progesterone, oestradiol-17β, oestrone sulphate and luteinizing hormone in non-pregnant and 60-day-pregnant gilts, 10 (1986) 147

Concentrations of LH, prolactin and progesterone in early-pregnant and oestradiol-treated pigs, 10 (1986) 215

Use of deuterium-labelled tracers to establish endogenous rates of production and clearance of progesterone during the peri-implantation period in gilts, 11 (1986) 273

Interrelationships between endocrine changes in peripheral and uterine-venous blood and uterine activity at parturition in the pig, 11 (1986) 283

Pulsatile secretion of luteinizing hormone and follicle stimulating hormone and their relationship to secretion of estradiol and onset of estrus in weaned sows, 12 (1986) 201

Luteinizing hormone response to different doses of synthetic gonadotropin-releasing hormone during early and late lactation in primiparous sows, 13 (1987) 299

Use of altrenogest alone or in combination with PMSG to control the preovulatory LH surge in gilts, 14 (1987) 147

Perioestrous patterns of circulating LH, FSH, prolactin and oestradiol-17β in the gilt, 14 (1987) 205

Concentrations of steroid hormones, and of relaxin, in utero-ovarian venous plasma of periparturient sows, 15 (1987) 227

Age-related changes in plasma LH and testosterone concentration profiles and fat 5α-androstenone content in the young boar, 15 (1987) 241

Endocrine changes associated with spontaneous luteolysis in sows, I. Temporal relationships among prolactin, prostaglandin $F_{2\alpha}$, progesterone and LH[3], 17 (1988) 115

Clinical and endocrine responses to pulsatile administration of gonadotropin-releasing hormone (GnRH) treatment during lactation in primiparous sows, 17 (1988) 123

The effect of oxytocin on steroid hormone secretion by isolated porcine follicular cells in tissue culture, 17 (1988) 141

Involvement of hypothalamic compounds in the expression of estrus in the pig, 18 (1989) 51

Serum progesterone and luteinizing hormone following prostaglandin $F_{2\alpha}$ during the sow's estrous cycle, 19 (1989) 273

Relaxin, progesterone and estrogen profiles in sow plasma during natural and induced parturitions, 20 (1989) 213

Effect of intraluteal estradiol-17β implants on weight and progesterone secretion of porcine corpora lutea, 20 (1989) 221

Endocrine changes associated with spontaneous luteolysis in sows, II. Temporal relationships among the concentrations of A_4, T, E_1 and E_2 measured in uteroovarian vein plasma, 21 (1989) 53

The effect of pregnant mare serum gonadotropin on follicle stimulating hormone and estradiol secretion in the prepuberal gilt, 21 (1989) 93

Concentrations of prolactin, LH and FSH after naloxone administration in follicular-phase gilts, 22 (1990) 39

Characterization of cystic endometrial hyperplasia (CEH) in swine leukocyte antigen (SLA) miniature swine; serum hormone and endometrial estrogen receptor concentrations, 22 (1990) 99

Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows, 22 (1990) 109

Sensitivity of the hypothalamo–hypophyseal axis to the positive feedback effects of estrogen in ovariectomized anestrous and diestrous sows, 22 (1990) 243

Prostaglandin E_2 and progesterone during the estrous cycle of the pig, 22 (1990) 325

Direct effect of cortisol on steroid production by granulosa cells from PMSG-induced follicles of prepubertal gilts, 23 (1990) 75

Endocrine changes following infusion of fetal pigs with corticotropin in litters of reduced numbers, 23 (1990) 109

Sex-related differences in the control of gonadotropin concentrations in neonatal pigs, 23 (1990) 123

Effect of seminal oestrogens of the boar on prostaglandin $F_{2\alpha}$ release from the uterus of the sow, 23 (1990) 145

Effect of intra-uterine oestradiol-17β administration on inter-oestrous interval in the pig, 24 (1991) 305

Plasma prolactin during pulsatile administration of GnRH and oestrus in lactating sows, 24 (1991) 355

Inhibitory feedback action of oestradiol on tonic secretion of luteinizing hormone in pre- and postpubertal gilts, 25 (1991) 155

Pig — lactation

The initiation of lactation in sows and the mastitis–metritis–agalactia syndrome, 5 (1982) 135

Clinical and endocrine responses to pulsatile administration of gonadotropin-releasing hormone (GnRH) treatment during lactation in primiparous sows, 17 (1988) 123

Pig — male reproduction

Stabilizing rôle of epididymal plasma in relation to the capacitation time of boar spermatozoa, 1 (1978) 161

Intraperitoneal insemination, sperm transport and capacitation in the pig, 1 (1978) 167

Isolation and characterization of polymorphic protein in boar prostatic secretions, 1 (1978/1979) 265

The effect of sexual stimulation on the sperm output of the domestic boar, 2 (1979) 387

Developmental patterns of plasma dehydroepiandrosterone sulfate and testosterone in male pigs, 3 (1980) 73

Effect of sexual stimulation on concentrations of 5α-androstenone and testosterone in the peripheral plasma of boars reared individually, 4 (1981/1982) 227

Heat induced infertility of boars: the interrelationship between depressed sperm output and fertility and an estimation of the critical air temperature above which sperm output is impaired, 4 (1981/1982) 283

Effects of acute and chronic testicular hyperthermia on levels of testosterone and corticosteroids in plasma of boars, 7 (1984) 391

Influence of supplemental lighting on serum LH, testosterone and semen quality in prepubertal and postpubertal boars, 8 (1985) 287

Frequency of semen collection in boars and quality of ejaculates as evaluated by the osmotic resistance of acrosomal membranes, 12 (1987) 283

Zinc ion-dependent protein in boar semen, I. Egg yolk precipitating activity and some biochemical properties, 13 (1987) 117

Zinc ion-dependent protein in boar semen, II. Effects on sperm motility and antibacterial properties, 13 (1987) 133

Interrelationship between motility, c-AMP, respiration and calcium uptake of ram and boar sperm, 15 (1987) 189

Age-related changes in plasma LH and testosterone concentration profiles and fat 5α-androstenone content in the young boar, 15 (1987) 241

Genital tract development and histomorphometrical traits of the testis in the young boar: relationships with fat 5α-androstenone levels, 15 (1987) 259

The quantitative ultrastructural assessment of head membrane damage in boar spermatozoa subjected to varying degrees of cold shock, 16 (1988) 265

The effect of collection procedure on the sperm output and copulatory behavior of AI stud boars, 16 (1988) 277

The effect of a high protein intake on sperm production in boars at two semen collection frequencies, 17 (1988) 103

Effect of age at hemicastration on the body and testis weight of piglets, 18 (1989) 105

Effect of relaxin and antirelaxin serum on porcine sperm motility, 20 (1989) 21

The effect of feeding level on semen quantity and quality of breeding boars, 20 (1989) 245

Fertilization of zona-free hamster ova by ionophore-treated boar sperm and the condensation of sperm chromosomes, 21 (1989) 125

Immunoactive relaxin in boar seminal plasma and its correlation with sperm motility, 22 (1990) 47

Boar sperm aminopeptidase: purification and partial characterization, 22 (1990) 55

Immature and aberrant spermatozoa in the ejaculate of *Sus domesticus*, 22 (1990) 67

Semen collection frequency and the energy metabolism of A.I. boars, 22 (1990) 87

Ethylenediaminetetraacetic acid (EDTA) and caffeine are antagonistic to antirelaxin serum inhibition of porcine sperm motility, 22 (1990) 253

Effect of seminal oestrogens of the boar on prostaglandin $F_{2\alpha}$ release from the uterus of the sow, 23 (1990) 145

Aspartate aminotransferase activity in motile and immotile spermatozoa fractions of frozen-thawed boar semen obtained after filtration on columns filled with chitin, 23 (1990) 237

Effect of immunization with sperm or seminal plasma on spermatozoal quality in boars, 23 (1990) 245

The effect of induced ice nucleation (seeding) on the post-thaw motility and acro-

somal integrity of boar spermatozoa, 24 (1991) 293

Effects of testosterone injection on the semen quality in boars during high ambient temperature, 25 (1991) 73

Effect of puberty and sexual development on daily sperm production and epididymal sperm reserves of Piau boars, 25 (1991) 83

Pig — mating

The incidence of, and factors associated with, failure to mate by 245 days of age in the gilt, 5 (1982/1983) 199

Pig — oestrus

Induction of oestrus in anoestrous, first litter sows with pregnant mares' serum gonadotrophin, 5 (1982) 41

Endocrine pattern and external oestrous symptoms at second and fourth oestrus in gilts, 6 (1983/1984) 301

Fertility of sows injected with exogenous oestradiol and/or gonadotrophins to control post-weaning oestrus, 8 (1985) 365

Oestrus synchronization and fixed-time artificial insemination in the weaned sow, 11 (1986) 151

Involvement of hypothalamic compounds in the expression of estrus in the pig, 18 (1989) 51

Relationship between protein intake during lactation, LH levels and oestrous activity in first-litter sows, 19 (1989) 283

Changes in plasma gonadotropins, ovarian steroids and inhibin concentrations in gilts following progesterone treatment with implantable osmotic pumps, 20 (1989) 287

Control of oestrus in gilts, I. Management-induced puberty, 22 (1990) 221

Control of oestrus in gilts, II. Synchronization of oestrus with a progestagen, altrenogest (Regumate): effect on fertility and litter size, 22 (1990) 227

Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG, 22 (1990) 235

Pig — ovary

Evaluation of porcine corpora lutea during organ culture: a histological, ultrastructural and hormonal assessment, 4 (1981) 29

Follicular development in primiparous lactating sows, 5 (1982) 47

Histomorphological comparison of the ovaries in early-pregnant and oestradiol-treated pigs, 10 (1986) 225

Effect of stage of the porcine estrous cycle and method of collection on folliculostatin in porcine follicular fluid, 11 (1986) 43

Direct effect of cortisol on androstenedione production by thecal cells from porcine ovarian follicles, 12 (1986) 39

Effect of mid-luteal glucocorticoid injection with pulsatile administration of gonadotrophin releasing hormone on follicular growth and ovulation in the sow, 19 (1989) 131

Effects of $PGF_{2\alpha}$ on pig corpora lutea following administration on Day 9 of the estrous cycle, 24 (1991) 335

Pig — ovulation

The plasminogen activator activity is markedly increased mainly at the area of the rupture of the follicular wall at the time of ovulation, 16 (1988) 285

Pig — parturition

Plasma prolactin, progesterone and oestradiol-17β concentrations around

parturition in the pig, 1 (1978/1979) 257

Myometrial activity and expulsion of fetuses, 2 (1979) 117

Control and mechanics of parturition in the pig, 2 (1979) 335

Induction of parturition in crossbred sows with cloprostenol, an analogue of prostaglandin $F_{2\alpha}$, 3 (1980) 161

Age of first breeding and incidence of dystocia and losses at parturition and postpartum in the indigenous Nigerian pig, 4 (1981) 149

Induction of parturition with prostaglandin analogs under field conditions, 8 (1985) 171

The influence of allyl trenbolone (Regumate) on the timing, duration and endocrinology of parturition in sows, 9 (1985) 163

Interrelationships between endocrine changes in peripheral and uterine-venous blood and uterine activity at parturition in the pig, 11 (1986) 283

Concentrations of steroid hormones, and of relaxin, in utero-ovarian venous plasma of periparturient sows, 15 (1987) 227

Endocrine changes following infusion of fetal pigs with corticotropin in litters of reduced numbers, 23 (1990) 109

Pig — placenta

Relationship between ultrastructure and oestrogen levels in the porcine placenta, 11 (1986) 139

Pig — pregnancy

Pregnancy detection in swine by pulse mode ultrasound, 4 (1981/1982) 219

Effect of partial fetectomy on plasma 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ in late pregnancy of sows, 4 (1981/1982) 321

Ovarian morphology, plasma progesterone concentrations and early embryo survival in the sow, 5 (1982) 127

Plasma luteinizing hormone during pregnancy in the pig, 5 (1982/1983) 213

Exocrine versus endocrine secretion of prostaglandin $F_{2\alpha}$ in the control of pregnancy in swine, 7 (1984) 115

Failings of the rosette-inhibition test for early pregnancy factor, 9 (1985) 45

A clinical study on the effect of a Gram-negative bacterial endotoxin and cloprostenol in non-pregnant and 60-day-pregnant gilts, 10 (1986) 133

Oestrone sulphate levels in plasma of sows as a basis for prediction of litter size at term, 11 (1986) 51

Direct estimation of estrone sulfate in serum and urine of pregnant swine as indicators of litter size at birth, 15 (1987) 121

Pregnancy diagnosis in sows by estimation of oestrogens in blood, urine or faeces, 15 (1987) 209

Luteal characteristics and embryonic survival in gilts treated with human chorionic gonadotrophin during early pregnancy, 15 (1987) 217

The effect of fetal hypophysectomy and fetal death in gilts with small litters on concentrations of relaxin, progesterone and estradiol-17β, 16 (1988) 107

The effects of individual and group housing on sexual behaviour and pregnancy in pigs, 25 (1991) 265

Pig — prostaglandins

A new route of prostaglandin F-2α transfer from the uterus into the ovary in swine, 5 (1982/1983) 303

Influence of prostaglandins on the spontaneous motility of pig oviducts, 8 (1985) 259

Local transfer of prostaglandin $F_{2\alpha}$ from the uterine lumen into the venous and arterial blood and into the uterine, mesometrial and ovarian tissue on Day 18 of pregnancy in the pig, 23 (1990) 223

Pig — puberty

Attainment of puberty in female pigs: influence of boar stimulation, 4 (1981/1982) 313

Effect of lighting regimen, rearing in isolation and olfactory bulbectomy on growth and puberty in Yorkshire gilts, 9 (1985) 51

The effect of age at stimulation by relocation and first mature boar contact on the attainment of puberty in the gilt, 12 (1986) 31

The involvement of boar submaxillary salivary gland secretions in boar-induced precocious puberty attainment in the gilt, 16 (1988) 125

Influence of varying intensities of supplemental lighting during decreasing daylengths on puberty in gilts, 16 (1988) 295

The effect of limiting the number of days of contact with boars, season and herd of origin on the attainment of puberty in gilts, 18 (1989) 293

The effect of planes of nutrition on growth and attainment of puberty in female wild boars raised in captivity, 20 (1989) 71

The effect of season, frequency and duration of contact with boars on the attainment of puberty in gilts, 21 (1989) 115

Attainment of puberty in domestic gilts reared under long-day or short-day artificial light regimens, 23 (1990) 135

Changes in thymosin $\beta 4$ and gonadal function during puberty in boars and gilts immunized against estrone, 24 (1991) 139

Seasonal variation in attainment of puberty in isolated and boar-exposed domestic gilts, 24 (1991) 323

Relationships between puberty and production traits in the gilt 1. Age at puberty, 25 (1991) 143

Relationships between puberty and production traits in the gilt 2. Oestrous symptoms at puberty, 25 (1991) 255

Pig — reproductive performance

Age of first breeding and incidence of dystocia and losses at parturition and postpartum in the indigenous Nigerian pig, 4 (1981) 149

The effect of early contact with mature boars on reproductive efficiency in the gilt, 6 (1983) 51

Age at puberty and estrous activity of straightbred and reciprocal crossbred gilts, 8 (1985) 281

Effect of feeding frequency on age and weight of confined gilts at puberty, and some related breeding phenomena, 11 (1986) 69

The influence of energy and protein intake on the reproductive performance of the breeding boar: a review, 20 (1989) 103

Pig — reproductive technology

Collection of two-cell pig embryos and their culture in media containing different protein components, 4 (1981) 137

Culture of pig embryos collected in situ or after slaughter, 4 (1981) 143

Developmental capacity, size and number of nuclei in pig embryos cultured in vitro, 5 (1982/1983) 311

Energy and protein sources for development of pig embryos cultured beyond hatching in vitro, 7 (1984) 405

Storage of pig embryos in the ligated rabbit oviduct and its effect on the viability after

re-transfer to synchronized gilts, 8 (1985) 159

Rosette inhibition titres in pig sera before and after recovery of ova and following the transfer of embryos, 11 (1986) 195

Transfer of pig embryos collected by laparotomy or slaughter, 12 (1986) 109

Pig — uterus

Counter current transfer of ^{3}H-PGF$_{2\alpha}$ in the mesometrium: a possible mechanism for prevention of luteal regression, 11 (1986) 259

Prostaglandin $F_{2\alpha}$ back transfer from the mesometrium vasculature into the uterus of the gilt during early pregnancy and estrogen-induced pseudopregnancy, 13 (1987) 199

Characterization of cystic endometrial hyperplasia (CEH) in swine leukocyte antigen (SLA) miniature swine; serum hormone and endometrial estrogen receptor concentrations, 22 (1990) 99

Effect of seminal oestrogens of the boar on prostaglandin $F_{2\alpha}$ release from the uterus of the sow, 23 (1990) 145

Pig, wild

Seasonal changes in testis weight and testosterone concentration in the European wild boar (*Sus scrofa* L.), 13 (1987) 67

Pineal gland

Effects of shortened daylength and melatonin treatment on plasma prolactin and melatonin levels in pinealectomised and sham-operated ewes, 5 (1982/1983) 287

Pituitary

Gonadotropin-releasing hormone receptors in anterior pituitaries of cattle during the estrous cycle, 24 (1991) 185

Pituitary–adrenal axis

The sheep fetus at parturition, 2 (1979) 167

Maturational changes of the pituitary–adrenal axis in the fetal lamb, 2 (1979) 179

Placenta

The control of placental steroid synthesis at parturition in domestic animals, 2 (1979) 239

Observations concerning the functional status of the corpus luteum and the placenta around parturition in the cow, 2 (1979) 253

Relationship between ultrastructure and oestrogen levels in the porcine placenta, 11 (1986) 139

The bovine intercaruncular placentra throughout gestation, 12 (1987) 241

Factors related to the etiology of retained placenta in dairy cattle, 14 (1987) 251

Cellular localization of ovine placental lactogen using monoclonal antibodies, 23 (1990) 33

Factors affecting occurrence of retained placenta in cattle. Effect of sire on incidence, 25 (1991) 11

Plasminogen activator

The plasminogen activator activity is markedly increased mainly at the area of the rupture of the follicular wall at the time of ovulation, 16 (1988) 285

Regulation of plasminogen activator secretion in Sertoli cells of the calf testis, 20 (1989) 1

PMSG — buffalo

Oestrous response and fertility in postpartum anoestrous buffaloes treated with a progestagen, pregnant mares' serum

gonadotrophin and prostaglandin during the low breeding season, 8 (1985) 129

Ovarian and uterine responses in relation to norgestomet–PMSG treatment in the true anoestrous buffalo, 16 (1988) 71

PMSG — cattle

Multiple ovulation resulting from low level administration of PMSG to cattle at different stages of the oestrous cycle, 5 (1982) 85

Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

PMSG — goat

Ovarian responses of anoestrous goats to stimulation with pregnant mare serum gonadotrophin, 5 (1982) 15

Synchronisation of oestrus of goats treated with progestagen-impregnated intravaginal sponges and PMSG, and reproductive performance following natural mating or A.I. with frozen semen, 5 (1982) 111

PMSG may directly stimulate ovulation in female goats, 25 (1991) 233

PMSG — hamster

Fibrinolytic activity in ovaries of rats and golden hamsters after gonadotrophic stimulation and hypophysectomy, 14 (1987) 301

PMSG — horse

FSH and LH activity of PMSG from mares at different stages of gestation, 1 (1978) 137

PMSG — pig

Induction of oestrus in anoestrous, first litter sows with pregnant mares' serum gonadotrophin, 5 (1982) 41

Fertility of sows injected with exogenous oestradiol and/or gonadotrophins to control post-weaning oestrus, 8 (1985) 365

Use of altrenogest alone or in combination with PMSG to control the preovulatory LH surge in gilts, 14 (1987) 147

The effect of pregnant mare serum gonadotropin on follicle stimulating hormone and estradiol secretion in the prepuberal gilt, 21 (1989) 93

Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG, 22 (1990) 235

Direct effect of cortisol on steroid production by granulosa cells from PMSG-induced follicles of prepubertal gilts, 23 (1990) 75

PMSG — rat

Fibrinolytic activity in ovaries of rats and golden hamsters after gonadotrophic stimulation and hypophysectomy, 14 (1987) 301

PMSG — sheep

Effects of progestagen treatments and PMSG on the induction of the preovulatory LH discharge in ewes, 5 (1982/1983) 281

Conditions of embryonic development in the ewe after modification of the hormone balance of the dam, 6 (1983) 25

Effects of PMSG on progesterone levels in ewes treated with fluorogestone acetate or prostaglandin $F_{2\alpha}$, 6 (1983/1984) 191

Influence of Booroola Merino genotype on the responsiveness of ewes to pregnant

mares serum gonadotrophin, luteal tissue weights and peripheral progesterone concentrations, 6 (1983/1984) 199

Ovulation response to pregnant mares' serum gonadotrophin in prepubertal ewe lambs of different Booroola genotypes, 9 (1985) 145

A comparison of PMSG and LHRH agonist treatment in the induction of ovulation in the anoestrous ewe, 9 (1985) 153

Progestagens, PMSG and the "ram effect" after artificial insemination in spring to synchronise non-pregnant ewes, 10 (1986) 117

The time of mating and of LH release and subsequent fertility of anoestrous Border Leicester × Merino ewes treated with progestagen and pregnant mare serum gonadotrophin, 13 (1987) 23

Genetic basis of variation in reproductive performance, I. Ewe lambs treated with fluorogestone acetate and PMSG in a controlled environment, 14 (1987) 281

Plasma FSH levels and ovarian response to PMSG in ewe lambs of related genotypes that differ in their prolificacy, 19 (1989) 109

Effect of dose of pregnant mare serum gonadotrophin on estrus parameters, ovulation rate and peripheral progesterone concentrations in Yankasa ewes, 20 (1989) 255

Stimulation of testosterone production by PMSG injection in the ovine male: effect of breed and age and application to males carrying or not carrying the "F" Booroola gene, 23 (1990) 21

Ovarian and endocrine responses of Merino ewes following treatment with PMSG and GnRH or PMSG antiserum, 24 (1991) 259

Pneumonectomy

Effect of pneumonectomy on fetal development and birth in the sheep, 11 (1986) 243

Poultry

Enzymatic degradation of avian follicular tissue by proteases and lipase, 1 (1978) 75

Pregnancy — buffalo

Luteinizing hormone and oestradiol-17β in blood plasma and milk during the oestrous cycle and early pregnancy in Murrah buffaloes, 5 (1982/1983) 247

Serum testosterone concentrations in advanced pregnancy in water buffaloes (*Bubalus bubalis*), 9 (1985) 383

Pregnancy — camel

A gonadotrophin-like bioactivity of the serum of pregnant camel (*Camelus dromedarius*), 23 (1990) 327

Effect of conception date on length of gestation in the dromedary camel (*Camelus dromedarius*) in the Negev Desert, 25 (1991) 173

Pregnancy — cattle

The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, I. Concentrations of 15-keto-13,14-dihydroprostaglandin $F_{2\alpha}$ and progesterone in peripheral blood of recipients of transferred embryos, 7 (1984) 195

The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, II. Urinary levels of 11-ketotetranor PGF metabolites and plasma progesterone concentrations during the oestrous cycle and early pregnancy, 7 (1984) 217

Susceptibility of the bovine corpus luteum to exogenous prostaglandins during pregnancy—practical considerations, 7 (1984) 235

Intraovarian effect of the corpus luteum on ovarian follicles during early pregnancy in heifers, 15 (1987) 53

Characterization of the uterine environment during early conceptus expansion in the bovine, 16 (1988) 11

Concentration of growth hormone, prolactin and cortisol in fetal and maternal blood and amniotic fluid during late pregnancy and parturition in cows with cannulated fetuses, 17 (1988) 51

Systemic 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ (PGFM) response to exogenous estradiol by luteal heifers on Days 14 and 19 of the estrous cycle and on Day 19 of pregnancy, 25 (1991) 31

Pregnancy — general

Levels of prostaglandin $F_{2\alpha}$ metabolites in blood and urine during early pregnancy, 7 (1984) 133

Pregnancy — gerbil

Embryo transfer to Mongolian gerbils during post partum pregnancy and pseudopregnancy, 11 (1986) 63

Pregnancy — goat

11-Ketotetranor PGF metabolites, a suitable indicator for measuring prostaglandin release during the normal oestrous cycle and early pregnancy in the goat, 7 (1984) 537

The pattern of luteinizing hormone secretion during pregnancy in goats, 11 (1986) 129

Pregnancy — guinea pig

Prostaglandin production by the uterus of the non-pregnant and early pregnant guinea-pig, 7 (1984) 1

Pregnancy — hamster

Effect of HCG on resorption and fetal weight in the hamster (*Mesocricetus auratus*), 4 (1981/1982) 237

Pregnancy — horse

FSH and LH activity of PMSG from mares at different stages of gestation, 1 (1978) 137

The effect of human chorionic gonadotrophin and exogenous progesterone on luteal function during early pregnancy in pony mares, 6 (1983/1984) 223

The role of prostaglandins in the maternal recognition of pregnancy in mares, 7 (1984) 269

Hormonal control of early pregnancy in the mare, 7 (1984) 283

Resurgence of the primary corpus luteum during pregnancy in the mare, 21 (1989) 261

Dynamics of uterine diameter and endometrial morphology during the estrous cycle and early pregnancy in mares, 25 (1991) 133

Pregnancy — monkey

Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17β and progesterone during early pregnancy in the south Indian bonnet monkey (*Macaca radiata*), 22 (1990) 261

Pregnancy — mouse

Maternal plasma levels of alpha-fetoprotein during oestrous cycles and pregnancy in mice, 23 (1990) 157

Pregnancy — pig

Effect of partial fetectomy on plasma 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ in late pregnancy of sows, 4 (1981/1982) 321

Plasma luteinizing hormone during pregnancy in the pig, 5 (1982/1983) 213

Exocrine versus endocrine secretion of prostaglandin $F_{2\alpha}$ in the control of pregnancy in swine, 7 (1984) 115

A clinical study on the effect of a Gram-negative bacterial endotoxin and cloprostenol in non-pregnant and 60-day-pregnant gilts, 10 (1986) 133

Luteal characteristics and embryonic survival in gilts treated with human chorionic gonadotrophin during early pregnancy, 15 (1987) 217

The effects of individual and group housing on sexual behaviour and pregnancy in pigs, 25 (1991) 265

Pregnancy — rabbit

Factors influencing the weight of the doe during pregnancy in different breeds of rabbits, 7 (1984) 547

Embryonic development, conception rate, ovarian function and structure in pregnant rabbits heat-stressed before or during implantation, 17 (1988) 259

Pregnancy — sheep

Localization of prostaglandin F in the ovine uterus during early pregnancy, 2 (1979) 363

Nuclear and cytosol steroid hormone receptor levels in the myometrium during pregnancy in the sheep, 6 (1983/1984) 277

Hormone receptor control of pulsatile secretion of $PGF_{2\alpha}$ from the ovine uterus during luteolysis and its abrogation in early pregnancy, 7 (1984) 31

Cellular and molecular mechanisms involved in luteolysis and maternal recognition of pregnancy in the ewe, 7 (1984) 57

A new concept for control of folliculogenesis during pregnancy in ewes: role of the corpus luteum, 15 (1987) 113

Effects of progesterone pretreatment and duration of ram exposure on synchronization of estrus, conception and pregnancy by prostaglandin during seasonal anestrus, 17 (1988) 185

Effects of pregnancy and exogenous progesterone on immunosuppressive activity in the uterus and peripheral plasma of the ewe, 18 (1989) 253

Pregnancy diagnosis

Ultrasonic pregnancy diagnosis in the camel, 1 (1978) 19

Diagnosis of pregnancy in the ewe at mid-gestation, 3 (1980) 69

Direct radioimmunoassay of progesterone in milk using a radioiodinated progesterone derivative, 3 (1980) 113

Early identification of non-pregnant and pregnant ewes in the field using circulating progesterone concentration, 3 (1980) 149

Pregnancy testing of cows by determining progesterone levels in milk, 4 (1981/1982) 181

Pregnancy detection in swine by pulse mode ultrasound, 4 (1981/1982) 219

Serum progesterone levels as an index of pregnancy in buffaloes, 7 (1984) 447

Failings of the rosette-inhibition test for early pregnancy factor, 9 (1985) 45

Transrectal real-time ultrasound scanning for diagnosing pregnancy and for monitoring embryonic mortality in dairy cattle, 10 (1986) 193

Comparison of two ultrasonic methods for multiple pregnancy diagnosis in sheep and indicators of multiple pregnant ewes in the blood, 11 (1986) 25

Estrone and estrone conjugate plasma levels throughout pregnancy in the goat: their determination as a pregnancy diagnosis test, 11 (1986) 35

Pregnancy diagnosis in sows by estimation of oestrogens in blood, urine or faeces, 15 (1987) 209

Bovine salivary progesterone: application to the assessment of ovarian function and early pregnancy diagnosis, 17 (1988) 1

Sephadex column radioimmunoassay of metabolized oestrone for the monitoring of follicular function and early pregnancy detection in mares, 17 (1988) 281

Application of plasma and milk progesterone assay in pregnancy diagnosis in White Fulani (Zebu) cattle, 19 (1989) 205

Primates — general

The fetal brain and parturition, 2 (1979) 63

Progestagens, general — horse

Progestagen, androgen and oestrogen levels in plasma and ovarian follicular fluid during the oestrous cycle of the mare, 12 (1987) 255

Progestagens, general — sheep

Effect of progestagen treatments on the incidence of oestrus and pregnancy rates in ewes, 24 (1991) 109

Progesterone — buffalo

Oestrus synchronization in buffaloes (*Bubalus bubalis*), 3 (1980) 107

Effect of progesterone releasing intravaginal device (PRID) on fertility in the postpartum buffalo cow, 6 (1983) 111

Annual pattern of plasma progesterone in normal cycling buffaloes (*Bubalus bubalis*) fed two levels of nutrition, 7 (1984) 323

Serum progesterone levels as an index of pregnancy in buffaloes, 7 (1984) 447

Compatibility between serum progesterone profile and rectal/clinical findings in normal cycling, suboestrus, and after treatment with prostaglandin in suboestrous buffaloes, 8 (1985) 137

Influence of age, weaning, season and body weight on the levels of progesterone, oestradiol-17β and luteinizing hormone in growing buffalo heifers (*Bubalus bubalis*), 9 (1985) 213

Changes in plasma concentrations of luteinizing hormone, progesterone and oestradiol-17β during the periovulatory period in cyclic swamp buffaloes (*Bubalus bubalis*), 11 (1986) 17

Peripheral plasma oestradiol-17β, progesterone and cortisol in buffaloes induced to calve with dexamethasone and vetoestrol, 11 (1986) 111

Progesterone — camel

Mating-dependent endocrinological variations in female *Camelus dromedarius*, 21 (1989) 73

Secretion of LH and progesterone after intravenous administration of GnRH in the camel (*Camelus dromedarius*), 25 (1991) 67

Progesterone — cattle

Control of oestrus in cattle using progesterone coils, 1 (1978) 145

Direct radioimmunoassay of progesterone in milk using a radioiodinated progesterone derivative, 3 (1980) 113

The response of lactating Africander cows to treatment with a progesterone-releasing intravaginal device or injection of synthetic GnRH, 3 (1980) 181

Serum hormone levels and occurrence of oestrus following use of an intravaginal device containing progesterone and oestradiol 17β in heifers, 3 (1980/1981) 271

A method to evaluate various parameters of progesterone production in beef cows, using the levels of progesterone in peripheral blood sampled on specific days of the oestrous cycle, 3 (1980/1981) 279

Concentrations of oestradiol-17β and progesterone in the plasma of dairy heifers before and after cloprostenol-induced and natural luteolysis and during early pregnancy, 4 (1981) 93

The effect of "Estrumate" followed by progesterone coils on oestrus synchronization and conception of post-partum beef and dairy cows, 4 (1981) 117

Pregnancy testing of cows by determining progesterone levels in milk, 4 (1981/1982) 181

Plasma progesterone levels in superovulated cattle in relation to hatched embryo sizes, ovulation rates, and premature regression of corpora lutea, 4 (1981/1982) 207

Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

Progesterone, 17α-hydroxyprogesterone, androgens and oestrogens in bovine ovarian cysts, 5 (1982/1983) 175

Relationships between intravaginal electrical resistance, cervicovaginal mucus characteristics and blood progesterone and LH, 5 (1982/1983) 259

The effect of exogenous progesterone on plasma LH and milk progesterone concentrations in multiple-suckling postpartum cows, 6 (1983) 103

Reproductive function in beef cows calving in the spring or fall, 6 (1983/1984) 255

The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, I. Concentrations of 15-keto-13,14-dihydroprostaglandin $F_{2\alpha}$ and progesterone in peripheral blood of recipients of transferred embryos, 7 (1984) 195

The influence of pregnancy on $PGF_{2\alpha}$ secretion in cattle, II. Urinary levels of 11-ketotetranor PGF metabolites and plasma progesterone concentrations during the oestrous cycle and early pregnancy, 7 (1984) 217

Progesterone production by dispersed luteal cells of non-pregnant cows: effects of oxytocin and oestradiol, 7 (1984) 441

Peripartal changes in plasma progesterone and 15-keto-13,14-dihydro-prostaglandin $F_{2\alpha}$ concentrations in Holstein cows with or without retained foetal membranes, 7 (1984) 497

Superovulation in cows: a relationship between progesterone secretion before ovulation and the quality of embryos, 8 (1985) 327

Effects of gonadotropins and steroids on the subsequent fertilizability of extrafollicular bovine oocytes cultured in vitro, 9 (1985) 323

Comparative study of the concentrations of peripheral progesterone before and after $PGF_{2\alpha}$ injection between *Bos taurus* (Brown Swiss) and *Bos indicus* (Indobrazil) in the tropics, 9 (1985) 333

Twenty-four-hour secretory patterns of cortisol, progesterone and estradiol in heifers during the follicular and luteal phases of the ovarian cycle, 9 (1985) 341

A comparison of three methods of oestrus detection in commercial dairy herds verified by serum progesterone analysis, 10 (1986) 1

Development and validation of an enzyme immunoassay for progesterone in bovine milk or blood plasma, 10 (1986) 201

Seasonal variation in the ovarian activity of beef cows assessed by monitoring progesterone concentrations, 10 (1986) 251

Sequential endocrine changes and behaviour during oestrus and metoestrus in repeat breeder and virgin heifers, 10 (1986) 261

Peripheral plasma concentrations of oestradiol, progesterone, cortisol, LH and prolactin during the oestrous cycle in the cow, with emphasis on the peri-oestrous period, 10 (1986) 275

Studies on serum progesterone levels in Zebu × Holstein heifers during pre- and peripubertal periods, 11 (1986) 11

Plasma concentrations of progesterone in ovariectomized and prepubertal heifers following intravaginal and intramuscular administration of progesterone, 11 (1986) 81

The superovulation response of *B. taurus* and *B. indicus* cattle following treatment with follicle stimulating hormone and progesterone, 11 (1986) 91

Uterine protein profiles in ovariectomized dairy cows administered progesterone and estradiol-17β, 11 (1986) 161

Superfusion of bovine luteal tissue slices: basic secretion, influence of LH on progesterone secretion and influence of superfusion on the preservation of the tissue, 13 (1987) 1

Progesterone receptors in the endometrium of normal and repeat-breeder cows, 14 (1987) 11

The involvement of progesterone and luteinizing hormone in the termination of the post-ovulatory rise in plasma oestradiol-17β concentration in cattle, 15 (1987) 27

Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

Levels of LH, progesterone and estradiol-17β during natural and $PGF_{2\alpha}$-induced estrus in Indobrazil and Brown Swiss cows in the tropics, 16 (1988) 199

Sensitive enzyme immunoassay of progesterone in skim milk using second-antibody technique, 16 (1988) 225

Bovine salivary progesterone: application to the assessment of ovarian function and early pregnancy diagnosis, 17 (1988) 1

Cytosol estrogen and progesterone receptors in bovine endometrium after uterine involution postpartum and in the estrous cycle, 17 (1988) 9

Pituitary and ovarian responses to prolonged administration of low doses of GnRH in prepubertal heifers, 18 (1989) 111

Return to cyclic ovarian activity following parturition in mature cows and first-calf beef heifers exposed to bulls, 19 (1989) 209

Characterization of ovarian activity in postpartum dairy cows using ultrasound imaging and progesterone profiles, 22 (1990) 171

The effect of oxytocin on progesterone secretion and of $PGF_{2\alpha}$ on oxytocin secretion from bovine luteal and granulosa cells in culture, 22 (1990) 297

A quantitative comparison in the bovine of steroids and gonadotropin receptors in normally developing follicles and in follicular and luteinized cysts, 23 (1990) 273

Vulvar electrical impedance in periparturient cows and its relation to plasma progesterone, oestradiol-17β and PGFM, 23 (1990) 283

Effect of $PGF_{2\alpha}$ analogue on ovarian oxytocin and progesterone release in heifers:

catecholamines are not involved in this process, 25 (1991) 1

Progesterone — deer

Plasma progesterone and LH concentrations during oestrous synchronization in female fallow deer (*Dama dama*), 19 (1989) 143

Embryonic development measured by ultrasonography and plasma progesterone concentrations in roe deer (*Capreolus capreolus* L.), 20 (1989) 155

Plasma progesterone concentrations in cycling and in ovariectomised red deer hinds: the effect of progesterone supplementation and adrenal stimulation, 23 (1990) 61

Progesterone — goat

Synchronisation of oestrus of goats treated with progestagen-impregnated intravaginal sponges and PMSG, and reproductive performance following natural mating or A.I. with frozen semen, 5 (1982) 111

Effect of progesterone administration on the release of uterine prostaglandin $F_{2\alpha}$ and ovarian oxytocin in the goat, 13 (1987) 191

Progesterone — guinea pig

Effects of active immunization against gonadotropin releasing hormone on serum luteinizing hormone, progesterone levels and estrous cycles in the guinea pig, 4 (1981) 73

Progesterone — horse

Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

The effect of human chorionic gonadotrophin and exogenous progesterone on luteal function during early pregnancy in pony mares, 6 (1983/1984) 223

Effect of administration of estradiol and progesterone, and bacterial contamination, on endometrial morphology of acyclic mares, 9 (1985) 317

Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development, 22 (1990) 131

Progesterone — mink

Luteal function in mink: the effects of hypophysectomy after the preimplantation rise in progesterone, 3 (1980) 225

Progesterone — monkey

Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17β and progesterone during early pregnancy in the south Indian bonnet monkey (*Macaca radiata*), 22 (1990) 261

Progesterone — pig

Plasma prolactin, progesterone and oestradiol-17β concentrations around parturition in the pig, 1 (1978/1979) 257

Evaluation of porcine corpora lutea during organ culture: a histological, ultrastructural and hormonal assessment, 4 (1981) 29

Attainment of puberty in female pigs: clinical appearance and patterns of progesterone, oestradiol-17β and LH, 4 (1981/1982) 301

Ovarian morphology, plasma progesterone concentrations and early embryo survival in the sow, 5 (1982) 127

Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

Endocrine pattern and external oestrous symptoms at second and fourth oestrus in gilts, 6 (1983/1984) 301

The influence of prolactin (PRL) on progesterone secretion by porcine luteal cells in vitro, 7 (1984) 351

The effect of a Gram-negative bacterial endotoxin and cloprostenol on the plasma levels of 15-keto-13,14-dihydro-$PGF_{2\alpha}$, progesterone, oestradiol-17β, oestrone sulphate and luteinizing hormone in non-pregnant and 60-day-pregnant gilts, 10 (1986) 147

Concentrations of LH, prolactin and progesterone in early-pregnant and oestradiol-treated pigs, 10 (1986) 215

Use of deuterium-labelled tracers to establish endogenous rates of production and clearance of progesterone during the peri-implantation period in gilts, 11 (1986) 273

The effect of fetal hypophysectomy and fetal death in gilts with small litters on concentrations of relaxin, progesterone and estradiol-17β, 16 (1988) 107

Endocrine changes associated with spontaneous luteolysis in sows, I. Temporal relationships among prolactin, prostaglandin $F_{2\alpha}$, progesterone and LH^3, 17 (1988) 115

The effect of oxytocin on steroid hormone secretion by isolated porcine follicular cells in tissue culture, 17 (1988) 141

Serum progesterone and luteinizing hormone following prostaglandin $F_{2\alpha}$ during the sow's estrous cycle, 19 (1989) 273

Relaxin, progesterone and estrogen profiles in sow plasma during natural and induced parturitions, 20 (1989) 213

Effect of intraluteal estradiol-17β implants on weight and progesterone secretion of porcine corpora lutea, 20 (1989) 221

Changes in plasma gonadotropins, ovarian steroids and inhibin concentrations in gilts following progesterone treatment with implantable osmotic pumps, 20 (1989) 287

Characterization of cystic endometrial hyperplasia (CEH) in swine leukocyte antigen (SLA) miniature swine; serum hormone and endometrial estrogen receptor concentrations, 22 (1990) 99

Prostaglandin E_2 and progesterone during the estrous cycle of the pig, 22 (1990) 325

Progesterone — rabbit

Uterine excitability and distensibility influenced by treatment *in vitro* with progesterone, 2 (1979) 225

Progesterone — sheep

Cervical mucus and oestrous behaviour responses to oestrogens in sheep: progesterone–oestrogen relationships and role of progesterone pretreatment, 3 (1980) 137

Early identification of non-pregnant and pregnant ewes in the field using circulating progesterone concentration, 3 (1980) 149

Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

Effects of progestagen treatments and PMSG on the induction of the preovulatory LH discharge in ewes, 5 (1982/1983) 281

Ovarian response in ewes following horse anterior pituitary extract and progestagen treatment, 6 (1983) 119

Effects of PMSG on progesterone levels in ewes treated with fluorogestone acetate or prostaglandin $F_{2\alpha}$, 6 (1983/1984) 191

Influence of Booroola Merino genotype on the responsiveness of ewes to pregnant mares serum gonadotrophin, luteal tissue weights and peripheral progesterone concentrations, 6 (1983/1984) 199

Nuclear and cytosol steroid hormone receptor levels in the myometrium during pregnancy in the sheep, 6 (1983/1984) 277

Plasma concentrations of testosterone, androstenedione, progesterone, oestradiol-17β, LH and FSH during the preovulatory period in the ewe, 7 (1984) 521

Plasma, FSH, LH, prolactin and progesterone profiles of Cheviot ewes with different levels of intake before and after mating, and associated effects on reproductive performance, 8 (1985) 301

Plasma progesterone levels in ewes treated with progesterone-controlled internal drug-release dispensers, implants and sponges, 11 (1986) 187

Onset of puberty and estrous cycle phenomena in Yankasa ewes as monitored by plasma progesterone concentrations, 12 (1986) 195

The time of mating and of LH release and subsequent fertility of anoestrous Border Leicester × Merino ewes treated with progestagen and pregnant mare serum gonadotrophin, 13 (1987) 23

Effects of duration and timing of progesterone priming on the incidence of corpora lutea with a normal life-span in Merino ewes induced to ovulate by the introduction of rams, 13 (1987) 81

Treatment with progesterone affects follicular steroidogenesis in anoestrous ewes, 14 (1987) 273

Peri-pubertal ovulatory events and progesterone profiles of Javanese thin-tail sheep, 16 (1988) 53

The effect of different rates of oxytocin infusion on the progesterone primed uterus in chronically catheterised, ovariectomised ewes, 17 (1988) 69

Effects of progesterone pretreatment and duration of ram exposure on synchronization of estrus, conception and pregnancy by prostaglandin during seasonal anestrus, 17 (1988) 185

Evaluation of progesterone controlled internal drug release dispensers for synchronization of estrus in sheep, 18 (1989) 205

Comparison of progesterone sponges, cronolone sponges and controlled internal drug release dispensers on fertility in anestrous ewes, 18 (1989) 219

Effects of pregnancy and exogenous progesterone on immunosuppressive activity in the uterus and peripheral plasma of the ewe, 18 (1989) 253

Effect of dose of pregnant mare serum gonadotrophin on estrus parameters, ovulation rate and peripheral progesterone concentrations in Yankasa ewes, 20 (1989) 255

Diurnal profiles of LH, prolactin and progesterone and their inter-relationships in ewes in high or moderate levels of body condition, 24 (1991) 119

Progesterone — zebu

Application of plasma and milk progesterone assay in pregnancy diagnosis in White Fulani (Zebu) cattle, 19 (1989) 205

Inverse relationships between skimmed milk progesterone and somatic cell counts during gestation and postpartum periods in Bunaji Zebu cows, 23 (1990) 1

Patterns of postpartum oestrus onset and associated plasma progesterone profiles in *Bos indicus* cows in Ethiopia, 24 (1991) 73

Prolactin — cattle

Peripheral plasma concentrations of oestradiol, progesterone, cortisol, LH and prolactin during the oestrous cycle in the cow, with emphasis on the peri-oestrous period, 10 (1986) 275

Seasonal changes in plasma concentrations of prolactin, LH, FSH, and testosterone in young adult bulls, 13 (1987) 165

Prolactin secretion in cattle as affected by haloperidol and α-methyl-*p*-tyrosine, 13 (1987) 239

Effect of chronic treatment with bromocryptine on the corpus luteum function of the cow, 14 (1987) 95

Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

Chronic treatment with bromocryptine during the oestrous cycle of the cow: evidence that prolactin is not involved in preovulatory follicular growth, 17 (1988) 21

Concentration of growth hormone, prolactin and cortisol in fetal and maternal blood and amniotic fluid during late pregnancy and parturition in cows with cannulated fetuses, 17 (1988) 51

Prolactin secretion after hypophysial stalk transection in prepuberal beef heifers, 18 (1989) 61

Absence of high-affinity binding sites for prolactin on the bovine corpus luteum, 18 (1989) 87

Prolactin — deer

Influence of plane of winter nutrition on plasma concentrations of prolactin and testosterone and their association with voluntary food intake in red deed stags (*Cervus elaphus*), 8 (1985) 247

Plasma prolactin concentrations in barren, pregnant and lactating red deer (*Cervus elaphus*) given melatonin to advance the next breeding season, 18 (1989) 77

Prolactin — goat

Plasma prolactin variations and onset of ovarian activity in lactating anestrous goats given melatonin, 13 (1987) 291

Circannual rhythm of plasma prolactin concentration in the goat, 17 (1988) 85

Prolactin — mink

Luteal function in mink: the effects of hypophysectomy after the preimplantation rise in progesterone, 3 (1980) 225

Prolactin — pig

Plasma prolactin, progesterone and oestradiol-17β concentrations around parturition in the pig, 1 (1978/1979) 257

Prolactin levels and the LH-response to synthetic LH-RH in the lactacting sow, 4 (1981) 155

The influence of prolactin (PRL) on progesterone secretion by porcine luteal cells in vitro, 7 (1984) 351

Concentrations of LH, prolactin and progesterone in early-pregnant and oestradiol-treated pigs, 10 (1986) 215

Perioestrous patterns of circulating LH, FSH, prolactin and oestradiol-17β in the gilt, 14 (1987) 205

Endocrine changes associated with spontaneous luteolysis in sows, I. Temporal relationships among prolactin, prostaglandin $F_{2\alpha}$, progesterone and LH^3, 17 (1988) 115

Concentrations of prolactin, LH and FSH after naloxone administration in follicular-phase gilts, 22 (1990) 39

Plasma prolactin during pulsatile administration of GnRH and oestrus in lactating sows, 24 (1991) 355

Prolactin — rabbit

Influence of sexual receptivity on LH, FSH and prolactin release after GnRH administration in female rabbits, 20 (1989) 57

Prolactin — sheep

Seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in Romney, Merino and Polled Dorset rams, 1 (1978/1979) 213

Effects of modifying olfactory and pineal gland function on the seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in rams, 1 (1978/1979) 229

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, III. Prolactin and pituitary responsiveness to gonadotrophin releasing hormone in the post partum period, 3 (1980) 57

Effects of shortened daylength and melatonin treatment on plasma prolactin and melatonin levels in pinealectomised and sham-operated ewes, 5 (1982/1983) 287

Effect of scrotal insulation on seminal fructose, peripheral plasma prolactin, and circulating steroids in rams, 5 (1982/1983) 295

The effect of prolonged stress on the oustrous cycles and prolactin secretion in sheep, 7 (1984) 333

Plasma, FSH, LH, prolactin and progesterone profiles of Cheviot ewes with different levels of intake before and after mating, and associated effects on reproductive performance, 8 (1985) 301

Effects of melatonin treatment on the onset of ovarian activity, reproductive parameters and PRL plasma levels of immature ewes, 13 (1987) 283

Diurnal profiles of LH, prolactin and progesterone and their inter-relationships in ewes in high or moderate levels of body condition, 24 (1991) 119

Prostaglandin analogs

Induction of parturition with prostaglandin analogs under field conditions, 8 (1985) 171

Effect of $PGF_{2\alpha}$ analogue on ovarian oxytocin and progesterone release in heifers: catecholamines are not involved in this process, 25 (1991) 1

The use of lower doses of the prostaglandin analogue, cloprostenol, for oestrus synchronization in heifers, 25 (1991) 93

Prostaglandin transfer

A new route of prostaglandin F-2α transfer from the uterus into the ovary in swine, 5 (1982/1983) 303

Prostaglandins — buffalo

Oestrus synchronization in buffaloes (*Bubalus bubalis*), 3 (1980) 107

Oestrous response and fertility in postpartum anoestrous buffaloes treated with a progestagen, pregnant mares' serum gonadotrophin and prostaglandin during the low breeding season, 8 (1985) 129

Compatibility between serum progesterone profile and rectal/clinical findings in normal cycling, suboestrus, and after treatment with prostaglandin in suboestrous buffaloes, 8 (1985) 137

Pedometer detection of prostaglandin $F_{2\alpha}$-induced luteolysis and estrus in the Egyptian buffalo, 11 (1986) 237

Effect of prostaglandins on characteristics of buffalo semen at 4°C, 21 (1989) 87

Induction and synchronization of oestrus and fertility in seasonally anoestrous buffaloes with GnRH and a PGF analog, 25 (1991) 109

Prostaglandins — cattle

Localization of prostaglandin F in the ovine uterus during early pregnancy, 2 (1979) 363

Onset of oestrus and fertility in lactating dairy cows injected with an analogue of prostaglandin $F_{2\alpha}$, cloprostenol, 3 (1980) 171

Prostaglandin induced early abortions in the bovine. Clinical outcome and endogenous release of prostaglandin $F_{2\alpha}$ and progesterone, 3 (1980/1981) 289

The effect of "Estrumate" followed by progesterone coils on oestrus synchronization and conception of post-partum beef and dairy cows, 4 (1981) 117

An intravulvosubmucous injection of prostaglandin $F_{2\alpha}$ in anoestrous cows, 5 (1982) 1

Analyses of the variation in the interval from an injection of prostaglandin $F_{2\alpha}$ to oestrus as a method of studying patterns of follicle development during dioestrus in dairy cows, 6 (1983/1984) 245

Peripartal changes in plasma progesterone and 15-keto-13,14-dihydro-prostaglandin $F_{2\alpha}$ concentrations in Holstein cows with or without retained foetal membranes, 7 (1984) 497

Effects of an agonist of gonadotrophin releasing hormone in cattle, II. Interactions with injected prostaglandin $F_{2\alpha}$ and unilateral ovariectomy, 8 (1985) 213

Comparative study of the concentrations of peripheral progesterone before and after $PGF_{2\alpha}$ injection between *Bos taurus* (Brown Swiss) and *Bos indicus* (Indobrazil) in the tropics, 9 (1985) 333

Sequential endocrine changes and behaviour during oestrus and metoestrus in repeat breeder and virgin heifers, 10 (1986) 261

Effect of uterine luminal perfusion of $PGF_{2\alpha}$ and PGE_2 on uterine vasomotor response and $PGF_{2\alpha}$ output in cyclic cattle, 14 (1987) 103

Epitestosterone and oestrogen concentration in plasma of cows during induction of parturition with prostaglandin $F_{2\alpha}$, 14 (1987) 245

Mammary secretion of oestrogens and prostaglandin $F_{2\alpha}$ in cows near parturition, 17 (1988) 297

Changes in electrical resistance of vulvar tissue in Holstein cows during ovarian cycles and after treatment with prostaglandin $F_{2\alpha}$, 18 (1989) 183

Effects of human chorionic gonadotropin pretreatment on endocrine, cytological and prostaglandin $F_{2\alpha}$ receptor patterns of the bovine corpus luteum, 19 (1989) 179

Modulation of uterine prostaglandin biosynthesis by pregnant and nonpregnant cows at day 17 post-estrus in response to in vivo and in vitro heat stress, 20 (1989) 31

The effect of oxytocin on progesterone secretion and of $PGF_{2\alpha}$ on oxytocin secretion from bovine luteal and granulosa cells in culture, 22 (1990) 297

Effect of day of prostaglandin $F_{2\alpha}$ treatment on selection and development of the ovulatory follicle in heifers, 23 (1990) 169

The effect of intra-aortic infusion of prostaglandin E-2 on luteal function of midcycle heifers, 24 (1991) 217

Systemic 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ (PGFM) response to exogenous estradiol by luteal heifers on Days 14 and 19 of the estrous cycle and on Day 19 of pregnancy, 25 (1991) 31

Effects of human chorionic gonadotropin (hCG) pretreatment on endocrine and behavioural responses of dairy cattle to

exogenous prostaglandin $F_{2\alpha}$, 25 (1991) 97

Prostaglandins — goat

11-Ketotetranor PGF metabolites, a suitable indicator for measuring prostaglandin release during the normal oestrous cycle and early pregnancy in the goat, 7 (1984) 537

Endotoxin-induced prostaglandin release and corpus luteum function in goats, 8 (1985) 109

Effect of progesterone administration on the release of uterine prostaglandin $F_{2\alpha}$ and ovarian oxytocin in the goat, 13 (1987) 191

Prostaglandins — pig

Prostaglandins in the foetal pig and prepartum endocrine changes in mother and foetus, 2 (1979) 305

Induction of parturition in crossbred sows with cloprostenol, an analogue of prostaglandin $F_{2\alpha}$, 3 (1980) 161

Effect of partial fetectomy on plasma 13,14-dihydro-15-keto-prostaglandin $F_{2\alpha}$ in late pregnancy of sows, 4 (1981/1982) 321

A new route of prostaglandin F-2α transfer from the uterus into the ovary in swine, 5 (1982/1983) 303

Influence of prostaglandins on the spontaneous motility of pig oviducts, 8 (1985) 259

The effect of a Gram-negative bacterial endotoxin and cloprostenol on the plasma levels of 15-keto-13,14-dihydro-$PGF_{2\alpha}$, progesterone, oestradiol-17β, oestrone sulphate and luteinizing hormone in non-pregnant and 60-day-pregnant gilts, 10 (1986) 147

Counter current transfer of ^{3}H-$PGF_{2\alpha}$ in the mesometrium: a possible mechanism for prevention of luteal regression, 11 (1986) 259

Prostaglandin $F_{2\alpha}$ back transfer from the mesometrium vasculature into the uterus of the gilt during early pregnancy and estrogen-induced pseudopregnancy, 13 (1987) 199

Endocrine changes associated with spontaneous luteolysis in sows, I. Temporal relationships among prolactin, prostaglandin $F_{2\alpha}$, progesterone and LH^3, 17 (1988) 115

Serum progesterone and luteinizing hormone following prostaglandin $F_{2\alpha}$ during the sow's estrous cycle, 19 (1989) 273

Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows, 22 (1990) 109

Prostaglandin E_2 and progesterone during the estrous cycle of the pig, 22 (1990) 325

Effect of seminal oestrogens of the boar on prostaglandin $F_{2\alpha}$ release from the uterus of the sow, 23 (1990) 145

Local transfer of prostaglandin $F_{2\alpha}$ from the uterine lumen into the venous and arterial blood and into the uterine, mesometrial and ovarian tissue on Day 18 of pregnancy in the pig, 23 (1990) 223

Effects of $PGF_{2\alpha}$ on pig corpora lutea following administration on Day 9 of the estrous cycle, 24 (1991) 335

Prostaglandins — rabbit

Effects of zinc deficiency on prostaglandins and fatty acid composition of the testes of rabbits, 16 (1988) 303

Routine grouping parturitions when using a new synthetic analogue of prostaglandin $F_{2\alpha}$ (Etiproston) administered in rabbits on day 29 of pregnancy, 19 (1989) 299

Acrosomal damage and enzymic release of rabbit semen supplemented with prostaglandin $F_{2\alpha}$, 24 (1991) 153

Prostaglandins — rat

The effects of four potent prostaglandin synthesis inhibitors on the duration of pseudopregnancy in the rat, 11 (1986) 215

Prostaglandins — sheep

Effects of PMSG on progesterone levels in ewes treated with fluorogestone acetate or prostaglandin $F_{2\alpha}$, 6 (1983/1984) 191

Prostaglandins

Special Issue "Prostagladins in Animal Reproduction", 7 (1984) 1–304.

Prostate

Isolation and characterization of polymorphic protein in boar prostatic secretions, 1 (1978/1979) 265

Protease

Enzymatic degradation of avian follicular tissue by proteases and lipase, 1 (1978) 75

Pseudopregnancy

Embryo transfer to Mongolian gerbils during post partum pregnancy and pseudopregnancy, 11 (1986) 63

The effects of four potent prostaglandin synthesis inhibitors on the duration of pseudopregnancy in the rat, 11 (1986) 215

Prostaglandin $F_{2\alpha}$ back transfer from the mesometrium vasculature into the uterus of the gilt during early pregnancy and estrogen-induced pseudopregnancy, 13 (1987) 199

Puberty

Puberty in the male pony: plasma gonadotropin concentrations and the effects of castration, 4 (1981) 165

Attainment of puberty in female pigs: clinical appearance and patterns of progesterone, oestradiol-17β and LH, 4 (1981/1982) 301

Attainment of puberty in female pigs: influence of boar stimulation, 4 (1981/1982) 313

Biological sexual maturation in rats: interaction among genetic line, sex, age, and body weight, 6 (1983/1984) 311

Ovulation rate and embryo survival in young ewes mated either at puberty or at the second or third oestrus, 8 (1985) 41

Plasma concentrations of melatonin and the onset of puberty in female lambs, 8 (1985) 241

Age at puberty and estrous activity of straightbred and reciprocal crossbred gilts, 8 (1985) 281

Effect of lighting regimen, rearing in isolation and olfactory bulbectomy on growth and puberty in Yorkshire gilts, 9 (1985) 51

Studies on serum progesterone levels in Zebu × Holstein heifers during pre- and peripubertal periods, 11 (1986) 11

Effect of feeding frequency on age and weight of confined gilts at puberty, and some related breeding phenomena, 11 (1986) 69

Plasma concentrations of progesterone in ovariectomized and prepubertal heifers following intravaginal and intramuscular administration of progesterone, 11 (1986) 81

The effect of age at stimulation by relocation and first mature boar contact on the attainment of puberty in the gilt, 12 (1986) 31

Onset of puberty and estrous cycle phenomena in Yankasa ewes as monitored by plasma progesterone concentrations, 12 (1986) 195

Prepubertal and peripubertal changes in secretory patterns of LH and FSH in beef heifers, 14 (1987) 85

Peri-pubertal ovulatory events and progesterone profiles of Javanese thin-tail sheep, 16 (1988) 53

The involvement of boar submaxillary salivary gland secretions in boar-induced precocious puberty attainment in the gilt, 16 (1988) 125

The influence of parasitic infestations on metabolism, puberty and first mating performance of heifers grazing in a tropical area, 16 (1988) 177

Influence of varying intensities of supplemental lighting during decreasing daylengths on puberty in gilts, 16 (1988) 295

Puberty in Libyan male goats, 17 (1988) 207

Puberty in heifers: a review, 18 (1989) 167

The effect of limiting the number of days of contact with boars, season and herd of origin on the attainment of puberty in gilts, 18 (1989) 293

Pubertal development in the male buffalo: longitudinal analysis of body growth, testicular size and serum profiles of testosterone and oestradiol, 19 (1989) 161

Studies on the age of puberty of Najdi rams, 20 (1989) 67

The effect of planes of nutrition on growth and attainment of puberty in female wild boars raised in captivity, 20 (1989) 71

Puberty in the male Nubian goat: serum concentrations of LH, FSH and testosterone from birth through puberty and semen characteristics at sexual maturity, 20 (1989) 91

The effect of season, frequency and duration of contact with boars on the attainment of puberty in gilts, 21 (1989) 115

Effect of subcutaneous melatonin implants on the seasonal attainment of puberty in female red deer (*Cervus elaphus*), 22 (1990) 145

Control of oestrus in gilts, I. Management-induced puberty, 22 (1990) 221

The timing of melatonin treatment affects the seasonal onset of ovarian activity, coat growth and live weight in young red deer hinds, 23 (1990) 49

Attainment of puberty in domestic gilts reared under long-day or short-day artificial light regimens, 23 (1990) 135

Puberty attainment and reproductive characteristics in ewe lambs of Chios and Karagouniki breeds raised on two planes of nutrition, 23 (1990) 197

Testosterone and LH concentrations in the male Angora goat during puberty, 23 (1990) 319

Changes in thymosin $\beta 4$ and gonadal function during puberty in boars and gilts immunized against estrone, 24 (1991) 139

Effects of active immunisation of female lambs against androstenedione on LH secretion, onset of puberty and ovulation rate, 24 (1991) 283

Seasonal variation in attainment of puberty in isolated and boar-exposed domestic gilts, 24 (1991) 323

Effect of puberty and sexual development on daily sperm production and epididymal sperm reserves of Piau boars, 25 (1991) 83

Relationships between puberty and production traits in the gilt 1. Age at puberty, 25 (1991) 143

Inhibitory feedback action of oestradiol on tonic secretion of luteinizing hormone in pre- and postpubertal gilts, 25 (1991) 155

Mechanisms mediating the operation of puberty-influencing chemosignals in wild

mice, *Mus musculus domesticus*, 25 (1991) 169

Relationships between puberty and production traits in the gilt 2. Oestrous symptoms at puberty, 25 (1991) 255

Quinacrine

Testicular and accessory organ degeneration induced by subcutaneous injection of quinacrine in the gerbil (*Meriones hurrianae* Jerdon), 3 (1980) 83

Rabbit

The relationship between sperm concentration and fertilization in vitro of rabbit ova, 1 (1978) 43

The effect of bull seminal ribonuclease on spermatogenesis in the rabbit, 1 (1978) 49

RNA and protein synthesis in preimplantation rabbit embryos, 1 (1978) 61

The distribution of diploid rabbit spermatozoa in the female tract after artificial insemination, 1 (1978/1979) 245

Uterine excitability and distensibility influenced by treatment *in vitro* with progesterone, 2 (1979) 225

Toxicity of uterine fluids to rabbit embryos at the stage of eight cells or fewer, 3 (1980/1981) 335

Effect of the buck on number of services per conception, service period and litter size at birth in Bauscat rabbits, 5 (1982/1983) 219

Fertilization in vitro of rabbit eggs with or without follicular cells by epididymal spermatozoa capacitated in a chemically defined medium, 6 (1983) 143

Factors influencing the weight of the doe during pregnancy in different breeds of rabbits, 7 (1984) 547

Reduction of anionic sites on the rabbit uterine surface during the preimplantation period, 7 (1984) 555

Storage of pig embryos in the ligated rabbit oviduct and its effect on the viability after re-transfer to synchronized gilts, 8 (1985) 159

Survival of rabbit embryos after synchronous or asynchronous transfer, 12 (1987) 297

Survival of frozen-thawed rabbit morulae after synchronous or asynchronous transfer, 12 (1987) 305

Microphotometric measurement of some enzymatic activities in rabbit spermatozoa during epididymal maturation, 13 (1987) 211

Survival of rabbit embryos after culture or culture/freezing, 13 (1987) 221

Effects of zinc deficiency on prostaglandins and fatty acid composition of the testes of rabbits, 16 (1988) 303

Sexual behaviour in the postpartum period of domestic rabbits, 17 (1988) 251

Embryonic development, conception rate, ovarian function and structure in pregnant rabbits heat-stressed before or during implantation, 17 (1988) 259

Timed breeding of rabbits with fresh and frozen-thawed semen and evidence of acrosome alteration following freezing and thawing, 18 (1989) 35

Seasonal variation in the semen characters of Soviet Angora rabbit bucks, 19 (1989) 293

Routine grouping parturitions when using a new synthetic analogue of prostaglandin $F_{2\alpha}$ (Etiproston) administered in rabbits on day 29 of pregnancy, 19 (1989) 299

Influence of sexual receptivity on LH, FSH and prolactin release after GnRH administration in female rabbits, 20 (1989) 57

Acrosomal damage and enzymic release of

rabbit semen supplemented with prostaglandin $F_{2\alpha}$, 24 (1991) 153

Embryo transfer in lactating rabbit does by laparoscopy, 24 (1991) 343

Effects of hCG, treatment on morula recovery in the rabbit and their survival after synchronous transfer, 24 (1991) 347

Radioimmunoassay

Comparison between radioimmunoassay and a new time-resolved fluoroimmunoassay of total serum testosterone in male mink (*Mustela vison*), 12 (1987) 291

Sephadex column radioimmunoassay of metabolized oestrone for the monitoring of follicular function and early pregnancy detection in mares, 17 (1988) 281

Ram effect

The influence of nutrient status of postpartum ewes on ovarian cyclicity and on the oestrous and ovulatory responses to ram introduction, 23 (1990) 293

Rat

The action of high doses of oestradiol on implantation and decidual reaction in the rat, 1 (1978) 93

The myometrium and the relaxin enigma, 2 (1979) 77

Photoperiodic dissection of endocrine events at parturition, 2 (1979) 97

Interspecies interaction of zona-free ova with spermatozoa in mouse, rat and hamster, 2 (1979) 395

Action of phyto-oestrogens coumestrol and genistein on cytosolic and nuclear oestradiol-17β receptors in immature rat uterus, 3 (1980) 233

Biological sexual maturation in rats: interaction among genetic line, sex, age, and body weight, 6 (1983/1984) 311

The effects of four potent prostaglandin synthesis inhibitors on the duration of pseudopregnancy in the rat, 11 (1986) 215

Influence of dietary selenium on metabolism of cadmium and mercury in reproductive tissues of rats, 13 (1987) 143

Fibrinolytic activity in ovaries of rats and golden hamsters after gonadotrophic stimulation and hypophysectomy, 14 (1987) 301

Effect of prolonged frequency of mating by the male rat on his fertility and on the sex ratio of his offspring, 17 (1988) 271

Comparison of α-chlorohydrin and two aromatic ketal analogues as antifertility agents in male rats, 21 (1989) 141

Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats, 22 (1990) 339

Rectal palpation

The accuracy of rectal diagnosis of corpora lutea in water buffalo (*Bubalus bubalis*), 6 (1983/1984) 185

Regumate

Control of oestrus in gilts, II. Synchronization of oestrus with a progestagen, altrenogest (Regumate): effect on fertility and litter size, 22 (1990) 227

Relaxin

The myometrium and the relaxin enigma, 2 (1979) 77

Concentrations of steroid hormones, and of relaxin, in utero-ovarian venous plasma of periparturient sows, 15 (1987) 227

The effect of fetal hypophysectomy and fetal death in gilts with small litters on

concentrations of relaxin, progesterone and estradiol-17β, 16 (1988) 107

Dystocia, pelvic and cervical dilatation in beef heifers after induction of parturition with relaxin combined with cloprostenol or dexamethasone, 16 (1988) 237

Effect of relaxin and antirelaxin serum on porcine sperm motility, 20 (1989) 21

Relaxin, progesterone and estrogen profiles in sow plasma during natural and induced parturitions, 20 (1989) 213

Immunoactive relaxin in boar seminal plasma and its correlation with sperm motility, 22 (1990) 47

Reproductive performance — buffalo

Influence of age, weaning, season and body weight on the levels of progesterone, oestradiol-17β and luteinizing hormone in growing buffalo heifers (*Bubalus bubalis*), 9 (1985) 213

Postpartum ovarian activity, uterine involution and fertility in indigenous buffaloes at a selected village location in Sri Lanka, 14 (1987) 115

Factors affecting length of gestation and birth weight of Nili-Ravi buffaloes, 14 (1987) 195

Influence of season and parity on several reproductive parameters in Nili-Ravi buffaloes in Pakistan, 21 (1989) 177

Reproductive performance — camel

Breeding activity of the camel (*Camelus dromedarius*), 11 (1986) 75

Reproduction in the female dromedary (*Camelus dromedarius*): a review, 15 (1987) 273

Reproductive performance — cattle

The contribution of bulls and cows to the seasonal differences in the fertility of dairy cattle in Israel, 5 (1982) 93

Reproductive performance and fatty liver in Guernsey cows, 5 (1982/1983) 275

Reproductive function in beef cows calving in the spring or fall, 6 (1983/1984) 255

Reproduction in dairy cattle: effect of age, cow condition, production level, calving-to-first-service interval and the 'male', 7 (1984) 305

Fertility in the Afrikaner cow 2. Ovarian recovery and conception in suckled and non-suckled cows post partum, 8 (1985) 315

Livestock production in central Mali: reproductive aspects of sedentary cows, 9 (1985) 1

Repeatability of reproductive performance of beef bulls as yearlings and two-year-olds at pasture, 14 (1987) 21

Some factors related to calf crops of Brahman, Brahman crossbred and Hereford × Shorthorn cows in a stressful tropical environment, 15 (1987) 1

The influence of parasitic infestations on metabolism, puberty and first mating performance of heifers grazing in a tropical area, 16 (1988) 177

Characterization of short luteal cycles in the early post-partum period and their relation to reproductive performance of dairy cows, 16 (1988) 215

Factors influencing pregnancy rate and calving date in four breeds of beef cows on an Ozark mountain range, 18 (1989) 243

Effect of single lactation treatment with recombinant bovine growth hormone on reproductive performance in dairy cows, 24 (1991) 211

Reproductive performance — general

Genetic improvement of mammalian fertility: a review of opportunities, 1 (1978) 109

Reproductive performance — goat

Reproductive traits in Nubian dairy goats, 6 (1983) 59

Reproductive performance of African indigenous small ruminants under various management systems: a review, 20 (1989) 265

Reproductive performance — horse

Fertility in Purebred Arab horses in Turkey, 15 (1987) 265

Reproductive performance — mink

Flushing of mink. Effects of level of preceding feed restriction and length of flushing period on reproductive performance, 17 (1988) 243

Reproductive performance — pig

Oestrus behaviour in relation to fertility and fecundity of gilts, 5 (1982) 117

The influence of energy and protein intake on the reproductive performance of the breeding boar: a review, 20 (1989) 103

Effect of insemination conditions on reproductive performance during early pregnancy of gilts kept under different social conditions, 23 (1990) 335

Reproductive performance — rabbit

Effect of the buck on number of services per conception, service period and litter size at birth in Bauscat rabbits, 5 (1982/1983) 219

Reproductive performance — rat

Effect of prolonged frequency of mating by the male rat on his fertility and on the sex ratio of his offspring, 17 (1988) 271

Reproductive performance — sheep

The influence of artificial photoperiod on the growth, appetite and reproductive status of male red deer and sheep, 6 (1983/1984) 291

The development of male reproductive traits in progeny of Merino strains of different reproductive performance, 8 (1985) 61

Plasma, FSH, LH, prolactin and progesterone profiles of Cheviot ewes with different levels of intake before and after mating, and associated effects on reproductive performance, 8 (1985) 301

The influence of earlier mating experience of ewes on their subsequent mating behaviour and reproductive performance, 9 (1985) 223

Follicle populations, ovulation rates and plasma profiles of LH, FSH and prolactin in Scottish Blackface ewes in high and low levels of body condition, 10 (1986) 105

Genetic basis of variation in reproductive performance, I. Ewe lambs treated with fluorogestone acetate and PMSG in a controlled environment, 14 (1987) 281

Plasma follicle stimulating hormone, ovulation rate and fertility in Merino ewes treated with bovine follicular fluid, 16 (1988) 27

The reproductive performance of Ethiopian Highland sheep, 17 (1988) 95

Reproductive performances of Creole and Black-Belly ewes in the West Indies. A new major gene controlling ovulation rate?, 19 (1989) 235

Reproductive performance of African indigenous small ruminants under various management systems: a review, 20 (1989) 265

Genetic basis of variation in reproductive performance (2) Genetic correlation between gestation length and prolificacy in sheep, 23 (1990) 305

The reproductive performance of Merino ewes in Western Australia following simultaneous immunization against several steroids, 25 (1991) 199

Reproductive performance — zebu

Factors influencing postpartum ovarian activity and uterine involution in zebu cattle indigenous to Nigeria, 8 (1985) 123

Reproductive performance of Zebu cattle under traditional agropastoral management in northern Nigeria, 19 (1989) 191

Reproductive efficiency of *Bos indicus* (Zebu) cows under artificial insemination management in Ethiopia, 24 (1991) 63

Reproductive performance — zoo animals

The reproductive efficiency of wild species of mammals in captivity at the Metro Toronto Zoo, Canada, 1 (1978) 31

Retained foetal membranes

Peripartal changes in plasma progesterone and 15-keto-13,14-dihydro-prostaglandin $F_{2\alpha}$ concentrations in Holstein cows with or without retained foetal membranes, 7 (1984) 497

Retained placenta

Relationship of physiological factors to placental retention in dairy cattle, 9 (1985) 31

Factors related to the etiology of retained placenta in dairy cattle, 14 (1987) 251

Involution, pathology and histology of the uterus in dairy cattle with retained placenta and uterine discharge following GnRH, 21 (1989) 11

Ribonuclease

The effect of bull seminal ribonuclease on spermatogenesis in the rabbit, 1 (1978) 49

Cytotoxic effect of structurally modified bull seminal ribonuclease (AS RNase), 1 (1978/1979) 193

Seminal ribonuclease of bulls—biosynthesis in normal and orchitic bulls and correlation with blood plasma hormone levels, 3 (1980) 1

Seminal ribonuclease synthesis in bull reproductive organs during ontogenesis, 4 (1981) 9

Ringwomb

Preliminary study on treatment of ringwomb in Iraqi goats, 18 (1989) 199

Rosette-inhibition test

Failings of the rosette-inhibition test for early pregnancy factor, 9 (1985) 45

Rosette inhibition titres in pig sera before and after recovery of ova and following the transfer of embryos, 11 (1986) 195

Scientific publishing

Structure of papers in animal science and implications in journal management, 1 (1978) 85

Scrotal insulation

Effect of scrotal insulation on seminal fructose, peripheral plasma prolactin, and circulating steroids in rams, 5 (1982/1983) 295

Effects of scrotal insulation and unilateral vasoligation on ejaculate characteristics and sperm reserves in the bull, 10 (1986) 11

Seasonality

Seasonal changes in the concentration of estrogens and testosterone in the plasma of the stallion, 1 (1978/1979) 205

Seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in Romney, Merino and Polled Dorset rams, 1 (1978/1979) 213

Effects of modifying olfactory and pineal gland function on the seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in rams, 1 (1978/1979) 229

Effect of month and season of calving on the length of subsequent calving interval in Nili-Ravi buffaloes, 3 (1980/1981) 301

Annual pattern in plasma testosterone in the male armadillo, *Dasypus novemcinctus*, 4 (1981) 49

The contribution of bulls and cows to the seasonal differences in the fertility of dairy cattle in Israel, 5 (1982) 93

Seasonal variation in spermatogenesis in the nine-banded armadillo (*Dasypus novemcinctus*) from southeastern Brazil, 6 (1983) 135

Seasonal variations in plasma glucocorticoid levels in buffalo cows (*Bubalus bubalis*), 6 (1983/1984) 177

Seasonal variation in the LH release in response to GnRH in the buffalo, 6 (1983/1984) 229

Seasonal variation in ovarian activity of fat-tailed sheep in the subtropics, 7 (1984) 563

Seasonal changes in the chemical composition of red deer (*Cervus elaphus*) semen, 9 (1985) 195

The influence of breed, season and photoperiod on semen characteristics, testicular size, libido and plasma hormone concentrations in rams, 9 (1985) 241

Seasonal variation in semen characteristics and the fertility of Finn cross rams subjected to frequent ejaculation, 10 (1986) 75

Seasonal sexual activity and post-partum anoestrus in two Moroccan breeds of sheep: Beni-Guil and Sardi, 10 (1986) 99

The seasonal patterns of testosterone secretion in Finn cross rams in Israel, 10 (1986) 245

Seasonal variation in the ovarian activity of beef cows assessed by monitoring progesterone concentrations, 10 (1986) 251

Age and seasonal effects on sexual behaviour of stallions at rest, 12 (1986) 233

Effect of season on fertility of frozen buffalo semen, 13 (1987) 15

Seasonal changes in testis weight and testosterone concentration in the European wild boar (*Sus scrofa* L.), 13 (1987) 67

Seasonal changes in plasma concentrations of prolactin, LH, FSH, and testosterone in young adult bulls, 13 (1987) 165

Transaminases in cattle and buffalo (*Bubalus bubalis*) semen in relation to fertility and seminal characteristics during moderate and colder seasons, 13 (1097) 177

Seasonal variation in the semen characteristics of Muturu (*Bos brachyceros*) bulls, 14 (1987) 31

Influence of season on characteristics of the ejaculate from bulls in an artificial insemination centre in Nigeria, 14 (1987) 187

Year and season effects on oestrus and ovarian activity in ewes of different breeds and crosses, 16 (1988) 39

Seasonal and monthly variations in the incidence of morphological abnormalities in bovine spermatozoa in Shika, Zaria, Northern Nigeria, 17 (1988) 61

Seasonal changes in ovulation rate in Coopworth ewes maintained at different liveweights, 17 (1988) 197

Seasonal changes in total and selenium-dependent glutathione peroxidase activity in bovine semen in relation to lipid peroxide, 17 (1988) 303

Genetic studies on fertility in A.I. bulls, I. Age, season and genetic effects on semen characteristics in young bulls, 19 (1989) 1

Seasonal variation in the semen characters of Soviet Angora rabbit bucks, 19 (1989) 293

Plasma LH, corticoid and sex steroid variations in camels (*Camelus dromedarius*) in relation to seasonal climatic changes, 21 (1989) 101

The effect of season, frequency and duration of contact with boars on the attainment of puberty in gilts, 21 (1989) 115

Influence of season and parity on several reproductive parameters in Nili-Ravi buffaloes in Pakistan, 21 (1989) 177

Seasonal variation in LH and testosterone responses of rams following the introduction of oestrous ewes, 21 (1989) 249

Seasonal patterns in the pheromonal regulation of oestrous cyclicity in wild mice, *Mus musculus domesticus*, 22 (1990) 349

Seasonal variation in attainment of puberty in isolated and boar-exposed domestic gilts, 24 (1991) 323

The effect of season and suckling on embryo quality from superovulated Welsh Black cows, 25 (1991) 181

Selenium

Relationships among spermatozoal abnormalities and the selenium concentration of blood plasma, semen, and reproductive tissues in young bulls, 7 (1984) 315

Influence of dietary selenium on metabolism of cadmium and mercury in reproductive tissues of rats, 13 (1987) 143

Seasonal changes in total and selenium-dependent glutathione peroxidase activity in bovine semen in relation to lipid peroxide, 17 (1988) 303

Semen characteristics

Seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in Romney, Merino and Polled Dorset rams, 1 (1978/1979) 213

Semen characteristics of West African Dwarf rams, 3 (1980) 247

Biochemical components of stallion seminal plasma before and after the breeding season, 4 (1981) 39

Semen characteristics of the swamp buffalo (*Bubalus bubalis*), 4 (1981/1982) 213

Heat induced infertility of boars: the interrelationship between depressed sperm output and fertility and an estimation of the critical air temperature above which sperm output is impaired, 4 (1981/1982) 283

The contribution of bulls and cows to the seasonal differences in the fertility of dairy cattle in Israel, 5 (1982) 93

Quality, freezability and fertility of the semen of pre-selected A.I. bulls carrying various chromosome aberrations, 6 (1983/1984) 167

Biological and immunological roles of proteins in the sperm of domestic animals (review), 8 (1985) 1

Mating performance of paddock-mated rams, I. Changes in mating performance, ejaculate characteristics and testicular size during the joining period, 8 (1985) 79

Lactic dehydrogenase activity in buffalo semen, 8 (1985) 143

Influence of supplemental lighting on serum LH, testosterone and semen quality in prepubertal and postpubertal boars, 8 (1985) 287

Seasonal changes in the chemical composition of red deer (*Cervus elaphus*) semen, 9 (1985) 195

The influence of breed, season and photoperiod on semen characteristics, testicular size, libido and plasma hormone concentrations in rams, 9 (1985) 241

Effects of scrotal insulation and unilateral vasoligation on ejaculate characteristics and sperm reserves in the bull, 10 (1986) 11

Seasonal variation in semen characteristics and the fertility of Finn cross rams subjected to frequent ejaculation, 10 (1986) 75

Evaluation of semen quality of rams infected with *Trypanosoma vivax*, 11 (1986) 123

Stallion sperm and seminal plasma phospholipids and glycerylphosphorylcholine, 11 (1986) 207

Effect of frequent ejaculation of West African Dwarf Goat on semen characteristics, 11 (1986) 249

Elimination of infertile male mink from breeding using sperm test, testicular palpation, testosterone test and fine-needle aspiration biopsy of the testis, 11 (1986) 295

Semen characteristics of Nubian goats in the Sudan, 12 (1986) 63

Characteristics of artificially ejaculated and ductus deferens semen in the guinea-fowl, 12 (1986) 69

Studies on camel semen, I. Electroejaculation and some aspects of semen characteristics, 12 (1986) 213

Studies on camel semen, II. Biochemical characteristics, 12 (1986) 223

Frequency of semen collection in boars and quality of ejaculates as evaluated by the osmotic resistance of acrosomal membranes, 12 (1987) 283

Zinc ion-dependent protein in boar semen, I. Egg yolk precipitating activity and some biochemical properties, 13 (1987) 117

Transaminases in cattle and buffalo (*Bubalus bubalis*) semen in relation to fertility and seminal characteristics during moderate and colder seasons, 13 (1097) 177

Seasonal variation in the semen characteristics of Muturu (*Bos brachyceros*) bulls, 14 (1987) 31

Influence of season on characteristics of the ejaculate from bulls in an artificial insemination centre in Nigeria, 14 (1987) 187

Genetic studies on fertility in A.I. bulls, I. Age, season and genetic effects on semen characteristics in young bulls, 19 (1989) 1

Repeatability of scrotal size and semen quality measurements in rams in a short-day light regime, 19 (1989) 19

Seasonal variation in the semen characters of Soviet Angora rabbit bucks, 19 (1989) 293

Puberty in the male Nubian goat: serum concentrations of LH, FSH and testosterone from birth through puberty and semen characteristics at sexual maturity, 20 (1989) 91

The effect of feeding level on semen quantity and quality of breeding boars, 20 (1989) 245

Effect of prostaglandins on characteristics of buffalo semen at 4°C, 21 (1989) 87

Effects of caffeine on bull semen quality and sperm penetration into cervical mucus, 23 (1990) 13

Effects of testosterone injection on the semen quality in boars during high ambient temperature, 25 (1991) 73

Semen cold storage

Fertility of ram semen after storage at 5°C, 2 (1979) 373

Feezing of swamp buffalo semen, 5 (1982) 141

Effect of thaw rates on motility, survival and acrosomal integrity of buffalo spermatozoa frozen in medium French straws, 12 (1986) 123

Effect of cold shock and cooling rate on calcium uptake of ram spermatozoa, 12 (1986) 131

Changes in acrosome morphology during cooling and freezing of dog semen, 12 (1986) 145

Effect of season on fertility of frozen buffalo semen, 13 (1987) 15

The effects of egg yolk, the low density lipoprotein fraction of egg yolk, and three monosaccharides on the survival of cat (*Felis catus*) spermatozoa stored at 5°C, 13 (1987) 229

The effect of egg yolk on the control of intracellular calcium in ram spermatozoa cooled and stored at 5°C, 15 (1987) 177

Timed breeding of rabbits with fresh and frozen-thawed semen and evidence of acrosome alteration following freezing and thawing, 18 (1989) 35

Semen collection

The effect of collection procedure on the sperm output and copulatory behavior of AI stud boars, 16 (1988) 277

Semen collection frequency

Semen collection frequency and the energy metabolism of A.I. boars, 22 (1990) 87

Semen microbiology

Mycoplasmas in stallion semen, 7 (1984) 343

Seminal vesicle

Seminal vesicle activity during cyclic or stabilized testicular activity in rams, 24 (1991) 85

Seminiferous epithelium

Duration of seminiferous epithelial cycle in buffalo bulls (*bubalus bubalis*), 3 (1980) 217

Cycle of the seminiferous epithelium and its duration in the zebu, *Bos indicus*, 5 (1982/1983) 231

Serotonin

Inhibitory effect of serotonin on ovulation in the domestic fowl, *Gallus domesticus*, 1 (1978) 69

Sertoli cells

Fine structure of the modified Sertoli cells in the terminal segment of the seminiferous tubules of the bull, ram and goat, 2 (1979) 343

Fine structure of Sertoli cells in the camel (*Camelus dromedarius*), 10 (1986) 37

Regulation of plasminogen activator secretion in Sertoli cells of the calf testis, 20 (1989) 1

Regulation of transferrin secretion in Sertoli cells of the calf testis, 20 (1989) 11

Sex determination

Determining sex of the bovine fetus by ultrasonic assessment of the relative location of the genital tubercle, 19 (1989) 217

Sex ratio

Effect of prolonged frequency of mating by the male rat on his fertility and on the sex ratio of his offspring, 17 (1988) 271

Sexual receptivity

Oestrus behaviour in relation to fertility and fecundity of gilts, 5 (1982) 117

The incidence of, and factors associated with, failure to mate by 245 days of age in the gilt, 5 (1982/1983) 199

Influence of sexual receptivity on LH, FSH and prolactin release after GnRH administration in female rabbits, 20 (1989) 57

Sexual stimulation

The effect of sexual stimulation on the sperm output of the domestic boar, 2 (1979) 387

Sheep — anencephaly

Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report, 22 (1990) 213

Sheep — artificial insemination

Artificial insemination of ewes with frozen-thawed semen at a synchronised oestrus 1. Effect of time of onset of oestrus, ovulation and insemination on fertility, 10 (1986) 301

Artificial insemination of ewes with frozen-thawed semen at a synchronised oestrus 2. Effects of dose of spermatozoa and site of intrauterine insemination on fertility, 10 (1986) 309

The effect of testicular weight and insemination technique on fertility in sheep, 12 (1986) 189

Sheep — bacterial contamination

An examination of the effects of ureaplasma infection on the fertility of synchronised ewes, 13 (1987) 61

Sheep — behaviour

Evaluation of sexual behaviour in rams in relation to their reproductive capacity, 7 (1984) 517

Sheep — birth weight

Factors affecting lamb birth weights from high fecundity Booroola ewes, 8 (1985) 53

Sheep — breeding frequency

Studies on increasing breeding frequency in the ewe, I. The fertilization of ova during the early post-partum period, 18 (1989) 1

Studies on increasing breeding frequency in the ewe 2. The endocrine status of lactating ewes induced to ovulate 28, 35 or 42 days post-partum, 18 (1989) 271

Sheep — cervix

Differential responsiveness to oxytocin of the uterus and cervix in the ovariectomized ewe, 7 (1984) 421

Sheep — corpus luteum

Persistence of luteal activity in the non-pregnant ewe, 7 (1984) 245

Effect of the corpus luteum on ovarian follicular populations and growth in the ewe, 13 (1987) 269

Attempts to improve the function of GnRH-induced corpora lutea in early post-partum ewes through oestradiol and/or PMSG priming or exogenous luteotrophin, 19 (1989) 245

Sheep — embryology

Conditions of embryonic development in the ewe after modification of the hormone balance of the dam, 6 (1983) 25

Sheep — endocrinology

Seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in Romney, Merino and Polled Dorset rams, 1 (1978/1979) 213

Effects of modifying olfactory and pineal gland function on the seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in rams, 1 (1978/1979) 229

Comparison of control of oestrus and ovulation in sheep by an ear implant (SC-21009) or by intravaginal sponge (Cronolone or MAP), 1 (1978/1979) 275

Stimulation of seasonally anovular Merino ewes by rams, I. Time from introduction of the rams to the preovulatory LH surge and ovulation, 1 (1978/1979) 283

Induction of male behaviour in ovariectomized ewes and ovariectomized-androgenized ewes chronically implanted with oestradiol-17β or testosterone, 1 (1978/1979) 305

The peripartal endocrine system in sheep, 2 (1979) 29

Thyroid function in the perinatal period, 2 (1979) 57

The myometrium and the relaxin enigma, 2 (1979) 77

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, I. Comparative reproductive performance of four breed types of ewe, 3 (1980) 23

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, II. Pituitary and gonadal responses of ewes and rams to a six-monthly light cycle, 3 (1980) 39

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, III. Prolactin and pituitary responsiveness to gonadotrophin releasing hormone in the post partum period, 3 (1980) 57

Increased plasma LH levels in seasonally anovular Merino ewes following the introduction of rams, 3 (1980) 125

Cervical mucus and oestrous behaviour responses to oestrogens in sheep: progesterone–oestrogen relationships and role of progesterone pretreatment, 3 (1980) 137

Early identification of non-pregnant and pregnant ewes in the field using circulating progesterone concentration, 3 (1980) 149

Repeatability of LH responses by lambs to monthly challenge with synthetic gonadotrophin releasing hormone (GnRH), 3 (1980) 155

Interactions between dietary protein, ovulation rate and follicle stimulating hormone level in the ewe, 4 (1981) 19

Effects of oestrogenic pasture on luteinizing hormone levels and the response to GnRH in female lambs, 5 (1982) 7

Changes in porcine, ovine, bovine and equine blood progesterone concentrations between collection and centrifugation, 5 (1982/1983) 157

Effects of progestagen treatments and PMSG on the induction of the preovulatory LH discharge in ewes, 5 (1982/1983) 281

Effects of shortened daylength and melatonin treatment on plasma prolactin and melatonin levels in pinealectomised and sham-operated ewes, 5 (1982/1983) 287

Conditions of embryonic development in the ewe after modification of the hormone balance of the dam, 6 (1983) 25

Effects of PMSG on progesterone levels in ewes treated with fluorogestone acetate or prostaglandin $F_{2\alpha}$, 6 (1983/1984) 191

Influence of Booroola Merino genotype on the responsiveness of ewes to pregnant mares serum gonadotrophin, luteal tissue weights and peripheral progesterone concentrations, 6 (1983/1984) 199

Effects of phyto-estrogenic alfalfa consumption on plasma LH levels in cycling ewes, 6 (1983/1984) 233

The effect of method of administration on ovarian responses of seasonally anestrous ewes administered gonadotrophin releasing hormone, 6 (1983/1984) 267

Nuclear and cytosol steroid hormone receptor levels in the myometrium during pregnancy in the sheep, 6 (1983/1984) 277

Hormone receptor control of pulsatile secretion of $PGF_{2\alpha}$ from the ovine uterus during luteolysis and its abrogation in early pregnancy, 7 (1984) 31

The effect of prolonged stress on the oustrous cycles and prolactin secretion in sheep, 7 (1984) 333

Plasma concentrations of testosterone, androstenedione, progesterone, oestradiol-17β, LH and FSH during the preovulatory period in the ewe, 7 (1984) 521

Passage of testosterone, testosterone propionate and testosterone enanthate from silastic implants and the retention of testosterone once it enters the blood of ewes, 7 (1984) 531

Plasma, FSH, LH, prolactin and progesterone profiles of Cheviot ewes with different levels of intake before and after mating, and associated effects on reproductive performance, 8 (1985) 301

Ovulation response to pregnant mares' serum gonadotrophin in prepubertal ewe lambs of different Booroola genotypes, 9 (1985) 145

A comparison of PMSG and LHRH agonist treatment in the induction of ovulation in the anoestrous ewe, 9 (1985) 153

Progestagens, PMSG and the "ram effect" after artificial insemination in spring to synchronise non-pregnant ewes, 10 (1986) 117

The seasonal patterns of testosterone secretion in Finn cross rams in Israel, 10 (1986) 245

Plasma progesterone levels in ewes treated with progesterone-controlled internal drug-release dispensers, implants and sponges, 11 (1986) 187

Repeatability of the plasma luteinizing-hormone response to two consecutive injections of gonadotropin-releasing hormone to prepubertal ewe-lambs reared in individual pens, 12 (1986) 85

The time of mating and of LH release and subsequent fertility of anoestrous Border Leicester × Merino ewes treated with progestagen and pregnant mare serum gonadotrophin, 13 (1987) 23

The effect of oestradiol benzoate on the duration of oestrus and release of LH in ovariectomized Galway ewe lambs and adult ewes, 13 (1987) 37

The immunization of ewes against steroids as a means of increasing prolificacy in a Mediterranean environment, 13 (1987) 45

Effects of duration and timing of progesterone priming on the incidence of corpora lutea with a normal life-span in Merino ewes induced to ovulate by the introduction of rams, 13 (1987) 81

Effects of melatonin treatment on the onset of ovarian activity, reproductive parameters and PRL plasma levels of immature ewes, 13 (1987) 283

Plasma follicle stimulating hormone in Merino ewes immunized with an inhibin-enriched fraction from bovine follicular fluid, 14 (1987) 39

Plasma FSH concentrations in seasonally anoestrous ewes induced to ovulate with repeated injections or continuous infusion of GnRH, 14 (1987) 53

Treatment with progesterone affects follicular steroidogenesis in anoestrous ewes, 14 (1987) 273

Behavioural and hormonal responses of

sexually-experienced Ile-de-France rams to oestrous females, 14 (1987) 293

Plasma follicle stimulating hormone, ovulation rate and fertility in Merino ewes treated with bovine follicular fluid, 16 (1988) 27

Peri-pubertal ovulatory events and progesterone profiles of Javanese thin-tail sheep, 16 (1988) 53

Early cycle FSH-p priming as a prelude to superovulating gonadotropin administration in ewes and heifers, 16 (1988) 97

Use of hypothalamic releasing hormones to evaluate the reproductive endocrine status of rams, 16 (1988) 249

The development of subcutaneous-delivery preparations of GnRH for the induction of ovulation in acyclic sheep and cattle, 17 (1988) 33

The effect of different rates of oxytocin infusion on the progesterone primed uterus in chronically catheterised, ovariectomised ewes, 17 (1988) 69

The effect of frequency of administration of melatonin on the time of onset of the breeding season anoestrous ewes, 18 (1989) 13

Evaluation of progesterone controlled internal drug release dispensers for synchronization of estrus in sheep, 18 (1989) 205

Comparison of progesterone sponges, cronolone sponges and controlled internal drug release dispensers on fertility in anestrous ewes, 18 (1989) 219

Studies on increasing breeding frequency in the ewe 2. The endocrine status of lactating ewes induced to ovulate 28, 35 or 42 days post-partum, 18 (1989) 271

Alterations in gonadotrophin secretion and ovarian sensitivity to gonadotrophins induced by active immunization against androstenedione, 19 (1989) 53

Plasma FSH levels and ovarian response to PMSG in ewe lambs of related genotypes that differ in their prolificacy, 19 (1989) 109

Attempts to improve the function of GnRH-induced corpora lutea in early post-partum ewes through oestradiol and/or PMSG priming or exogenous luteotrophin, 19 (1989) 245

Effects of ACTH and cortisol on luteolysis in the ewe, 20 (1989) 201

Oestradiol-17β in testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs and in jugular venous plasma of castrated prepubertal lambs, 22 (1990) 9

Plasma testosterone in *Trypanosoma congolense*- and *Trypanosoma brucei*-infected West African dwarf rams, 22 (1990) 21

Diurnal profiles of LH, prolactin and progesterone and their inter-relationships in ewes in high or moderate levels of body condition, 24 (1991) 119

Ovarian and endocrine responses of Merino ewes following treatment with PMSG and GnRH or PMSG antiserum, 24 (1991) 259

Regulation of pituitary GnRH receptors by continuous infusion of GnRH in the seasonally anoestrous ewe: evidence of ovarian involvement, 24 (1991) 271

Effects of active immunisation of female lambs against androstenedione on LH secretion, onset of puberty and ovulation rate, 24 (1991) 283

Pituitary GnRH receptor dynamics during continuous infusion of a low dose of GnRH in seasonally anoestrous ewes, 25 (1991) 41

Manipulation of plasma FSH concentrations by administration of bFF affects secretion in seasonally anoestrous ewes, 25 (1991) 115

Sheep — enzymology

Microfluorometric study of glucose-6-phosphate and malate dehydrogenases in histologically defined areas of the uterus in cyclic and pregnant ewes, 3 (1980/1981) 325

Sheep — fertilization

Sterol sulfatase activity in the reproductive tract of the ewe, 14 (1987) 129

Sheep — implantation

Interrelationships of proteins secreted by the ovine conceptus and endometrium during the periattachment period, 20 (1989) 117

Sheep — lamb mortality

Causes of lamb mortality in two highly prolific Booroola crossbred flocks and a Romney flock, 12 (1986) 47

Sheep — male reproduction

Seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in Romney, Merino and Polled Dorset rams, 1 (1978/1979) 213

Effects of modifying olfactory and pineal gland function on the seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in rams, 1 (1978/1979) 229

Fine structure of the modified Sertoli cells in the terminal segment of the seminiferous tubules of the bull, ram and goat, 2 (1979) 343

Fertility of ram semen after storage at 5°C, 2 (1979) 373

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, II. Pituitary and gonadal responses of ewes and rams to a six-monthly light cycle, 3 (1980) 39

Semen characteristics of West African Dwarf rams, 3 (1980) 247

Molecular forms of alkaline phosphatase of ram seminal plasma—some properties and changes in pathological process of reproductive organs, 3 (1980/1981) 307

Effect of scrotal insulation on seminal fructose, peripheral plasma prolactin, and circulating steroids in rams, 5 (1982/1983) 295

Spermiogenic, epididymal, and spermatozoal damage induced by a peritesticular injection of ethylene dibromide to rams, 6 (1983) 35

Evaluation of sexual behaviour in rams in relation to their reproductive capacity, 7 (1984) 517

Mating performance of paddock-mated rams, I. Changes in mating performance, ejaculate characteristics and testicular size during the joining period, 8 (1985) 79

Mating performance of paddock-mated rams, II. Changes in sexual and general activity during the joining period, 8 (1985) 101

The effects of washing and protein supplementation on the acrosome reaction of ram spermatozoa in vitro, 9 (1985) 75

The effect of the F gene on male reproductive traits in Booroola × South Australian Merino rams, 9 (1985) 137

The influence of breed, season and photoperiod on semen characteristics, testicular size, libido and plasma hormone concentrations in rams, 9 (1985) 241

Seasonal variation in semen characteristics and the fertility of Finn cross rams subjected to frequent ejaculation, 10 (1986) 75

The seasonal patterns of testosterone secretion in Finn cross rams in Israel, 10 (1986) 245

Evaluation of semen quality of rams infected with *Trypanosoma vivax*, 11 (1986) 123

Effect of cold shock and cooling rate on calcium uptake of ram spermatozoa, 12 (1986) 131

Some effects of chondroitin sulphate on the in-vitro acrosome reaction in ram spermatozoa, 12 (1986) 151

The effect of testicular weight and insemination technique on fertility in sheep, 12 (1986) 189

Effects of nutritional supplements on testicular size and the secretion of LH and testosterone in Merino and Booroola rams, 12 (1987) 267

The number of spermatozoa required by naturally mated ewes and the ability of rams to meet these requirements, 13 (1987) 91

Effects of sexual stimulation on testicular size in the ram, 13 (1987) 105

Photoperiodic control of testicular growth in the ram lamb, 13 (1987) 255

Behavioural and hormonal responses of sexually-experienced Ile-de-France rams to oestrous females, 14 (1987) 293

The effect of egg yolk on the control of intracellular calcium in ram spermatozoa cooled and stored at 5°C, 15 (1987) 177

Interrelationship between motility, c-AMP, respiration and calcium uptake of ram and boar sperm, 15 (1987) 189

Use of hypothalamic releasing hormones to evaluate the reproductive endocrine status of rams, 16 (1988) 249

Duration of the cycle of the seminiferous epithelium and daily sperm production of Brazilian hairy rams, 17 (1988) 77

Acquired resistance to cold shock in ram spermatozoa revealed by microscopy and a calcium radioassay, 18 (1989) 285

Repeatability of scrotal size and semen quality measurements in rams in a short-day light regime, 19 (1989) 19

The effects of frequency of ejaculation and undernutrition on the size and tone of the ram's testes, 19 (1989) 29

Seasonal variation in LH and testosterone responses of rams following the introduction of oestrous ewes, 21 (1989) 249

Oestradiol-17β in testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs and in jugular venous plasma of castrated prepubertal lambs, 22 (1990) 9

Stimulation of testosterone production by PMSG injection in the ovine male: effect of breed and age and application to males carrying or not carrying the "F" Booroola gene, 23 (1990) 21

Seminal vesicle activity during cyclic or stabilized testicular activity in rams, 24 (1991) 85

A quantitative comparison of the spontaneous and ionophore-induced acrosome reaction in ejaculated ram spermatozoa: the effects of temperature, time and individual, 24 (1991) 93

The ability of trypan blue to differentiate live and dead ram spermatozoa, 25 (1991) 209

Sheep — mating

The mating potential of Indonesian sheep, 4 (1981/1982) 251

Sheep — oestrus

Comparison of control of oestrus and ovulation in sheep by an ear implant (SC-21009) or by intravaginal sponge (Cronolone or MAP), 1 (1978/1979) 275

Stimulation of seasonally anovular Merino ewes by rams, I. Time from introduction of the rams to the preovulatory LH surge and ovulation, 1 (1978/1979) 283

Stimulation of seasonally anovular Merino ewes by rams, II. Premature regression

of ram-induced corpora lutea, 1 (1978/1979) 291

Source of ram pheromones that stimulate ovulation in the ewe, 3 (1980) 133

Control of oestrus in ewe lambs and yearling ewes with medroxyprogesterone acetate and fluorogestone acetate, 5 (1982/1983) 191

Ovarian response in ewes following horse anterior pituitary extract and progestagen treatment, 6 (1983) 119

Effects of boar pheromones, ram's wool and presence of bucks on ovarian activity in anovular ewes early in the breeding season, 6 (1983) 129

Induction of fertile oestrus in seasonally anoestrous ewes with low doses of GNRH, 7 (1984) 413

Effects of norgestomet-implants and fluorogestone acetate-impregnated sponges on oestrous cycle length and luteal function of ewes, 9 (1985) 63

Progestagens, PMSG and the "ram effect" after artificial insemination in spring to synchronise non-pregnant ewes, 10 (1986) 117

The effect of oestradiol benzoate on the duration of oestrus and release of LH in ovariectomized Galway ewe lambs and adult ewes, 13 (1987) 37

Effects of duration and timing of progesterone priming on the incidence of corpora lutea with a normal life-span in Merino ewes induced to ovulate by the introduction of rams, 13 (1987) 81

Effect of short exposure to the ram on later reactivity of anoestrous ewes to the male effect, 13 (1987) 263

Year and season effects on oestrus and ovarian activity in ewes of different breeds and crosses, 16 (1988) 39

Oestrous cycle dynamics in peri-pubertal and mature Javanese thin-tail sheep, 16 (1988) 61

Effects of progesterone pretreatment and duration of ram exposure on synchronization of estrus, conception and pregnancy by prostaglandin during seasonal anestrus, 17 (1988) 185

Evaluation of progesterone controlled internal drug release dispensers for synchronization of estrus in sheep, 18 (1989) 205

Effects of breed and time since lambing on spring estrous activity in mature ewes, 19 (1989) 99

Effects of continuous ram exposure and early spring lambing on initiation of the breeding season in yearling crossbred ewes, 19 (1989) 265

Effect of dose of pregnant mare serum gonadotrophin on estrus parameters, ovulation rate and peripheral progesterone concentrations in Yankasa ewes, 20 (1989) 255

Quantitative analysis of oestrous behaviour through the breeding season in two breeds of sheep, 21 (1989) 37

The efficacy of ram introduction, GnRH administration, and immunisation against androstenedione and oestrone for the induction of oestrus and ovulation in anoestrous post-partum ewes, 21 (1989) 237

Effect of progestagen treatments on the incidence of oestrus and pregnancy rates in ewes, 24 (1991) 109

Exposure of ewes to long-day photoperiods before the winter solstice can disrupt refractoriness to short days, 25 (1991) 225

Sheep — ovary

In vitro culture and karyotyping of oocytes from 4 to 6 week old lambs, 1 (1978) 25

Laparoscopy in the ewe: a photographic record of the ovarian activity of ewes experiencing normal or abnormal oestrous cycles, 3 (1980) 119

Seasonal variation in ovarian activity of fat-tailed sheep in the subtropics, 7 (1984) 563

Survival of fertilized ova from ewe lambs and adult ewes in the uteri of ewe lambs, 8 (1985) 235

Year and season effects on oestrus and ovarian activity in ewes of different breeds and crosses, 16 (1988) 39

Follicular growth during the oestrous cycle in Peul sheep, 21 (1989) 201

Sheep — ovulation

Interactions between dietary protein, ovulation rate and follicle stimulating hormone level in the ewe, 4 (1981) 19

Effect of prolonged administration of small doses of LH-RH and LH-RH analogue [D-Ser (But)^6] Des Gly-NH_2^{10} ethylamide on the release of LH and induction of ovulation in mid-anoestrous ewes, 4 (1981/1982) 269

Ovulation response to pregnant mares' serum gonadotrophin in prepubertal ewe lambs of different Booroola genotypes, 9 (1985) 145

A comparison of PMSG and LHRH agonist treatment in the induction of ovulation in the anoestrous ewe, 9 (1985) 153

First postpartum ovulations and corpora lutea in ewes which lamb in the breeding season, 10 (1986) 61

Potential of active immunization against androstenedione to improve fecundity in sheep, 15 (1987) 101

Observations on the loss of the cellular vestment surrounding superovulated sheep oocytes, 15 (1987) 169

The development of subcutaneous-delivery preparations of GnRH for the induction of ovulation in acyclic sheep and cattle, 17 (1988) 33

Seasonal changes in ovulation rate in Coopworth ewes maintained at different liveweights, 17 (1988) 197

The ovulation rate after unilateral ovariectomy in the Booroola Merino ewe, 18 (1989) 149

Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates on Romney ewes, 22 (1990) 121

Sheep — parturition

The sheep fetus at parturition, 2 (1979) 167

Maturational changes of the pituitary–adrenal axis in the fetal lamb, 2 (1979) 179

Fetal maturation related to parturition, 2 (1979) 193

The cervix of the sheep and goat during parturition, 2 (1979) 209

Parturition difficulties in sheep, 9 (1985) 365

Effect of pneumonectomy on fetal development and birth in the sheep, 11 (1986) 243

Sheep — placenta

Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report, 22 (1990) 213

Cellular localization of ovine placental lactogen using monoclonal antibodies, 23 (1990) 33

Sheep — postpartum period

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, III. Prolactin and pituitary responsiveness to gonadotrophin releasing hormone in the post partum period, 3 (1980) 57

Resumption of ovarian activity in postpartum ewes: role of the uterus, 19 (1989) 79

Resumption of ovarian activity in postpartum ewes: carry-over effect of the corpus luteum of pregnancy, 19 (1989) 91

Sheep — pregnancy

Localization of prostaglandin F in the ovine uterus during early pregnancy, 2 (1979) 363

Diagnosis of pregnancy in the ewe at midgestation, 3 (1980) 69

Nuclear and cytosol steroid hormone receptor levels in the myometrium during pregnancy in the sheep, 6 (1983/1984) 277

Cellular and molecular mechanisms involved in luteolysis and maternal recognition of pregnancy in the ewe, 7 (1984) 57

Aspects of regulation of uterine secretion of prostaglandins during the oestrous cycle and early pregnancy, 7 (1984) 75

Ovarian oxytocin and luteal function in the early pregnant sheep, 7 (1984) 101

Failings of the rosette-inhibition test for early pregnancy factor, 9 (1985) 45

The experimental infection of the amniotic sac of sheep, 9 (1985) 231

Comparison of two ultrasonic methods for multiple pregnancy diagnosis in sheep and indicators of multiple pregnant ewes in the blood, 11 (1986) 25

A new concept for control of folliculogenesis during pregnancy in ewes: role of the corpus luteum, 15 (1987) 113

Effects of pregnancy and exogenous progesterone on immunosuppressive activity in the uterus and peripheral plasma of the ewe, 18 (1989) 253

Flow and composition of ovarian lymph during pregnancy and luteolysis in the ewe, 21 (1989) 223

Sheep — puberty

Plasma concentrations of melatonin and the onset of puberty in female lambs, 8 (1985) 241

Onset of puberty and estrous cycle phenomena in Yankasa ewes as monitored by plasma progesterone concentrations, 12 (1986) 195

Studies on the age of puberty of Najdi rams, 20 (1989) 67

Puberty attainment and reproductive characteristics in ewe lambs of Chios and Karagouniki breeds raised on two planes of nutrition, 23 (1990) 197

Sheep — reproductive performance

Reproductive potential and endocrinological responses of sheep kept under controlled lighting, I. Comparative reproductive performance of four breed types of ewe, 3 (1980) 23

Ovulation rates of first cross Booroola compared with local breed ewes following differential feeding, 6 (1983/1984) 209

The influence of artificial photoperiod on the growth, appetite and reproductive status of male red deer and sheep, 6 (1983/1984) 291

Ovulation rate and embryo survival in young ewes mated either at puberty or at the second or third oestrus, 8 (1985) 41

The development of male reproductive traits in progeny of Merino strains of different reproductive performance, 8 (1985) 61

The influence of earlier mating experience of ewes on their subsequent mating behaviour and reproductive performance, 9 (1985) 223

Seasonal sexual activity and post-partum anoestrus in two Moroccan breeds of sheep: Beni-Guil and Sardi, 10 (1986) 99

Follicle populations, ovulation rates and plasma profiles of LH, FSH and prolactin in Scottish Blackface ewes in high and low levels of body condition, 10 (1986) 105

Reproduction in Indonesian sheep and goats at two levels of nutrition, 12 (1986) 77

Genetic basis of variation in reproductive performance, I. Ewe lambs treated with fluorogestone acetate and PMSG in a controlled environment, 14 (1987) 281

The reproductive performance of Ethiopian Highland sheep, 17 (1988) 95

The effects of nutritionally-induced liveweight differences on follicular development, ovulation rate, oestrous activity and plasma follicle-stimulating hormone levels in the ewe, 19 (1989) 67

Effect of transportation stress on ovarian activities and reproductive performance of ewes during the anoestrous period, 19 (1989) 229

Reproductive performances of Creole and Black-Belly ewes in the West Indies. A new major gene controlling ovulation rate?, 19 (1989) 235

Reproductive performance of African indigenous small ruminants under various management systems: a review, 20 (1989) 265

The effect of melatonin implantation in the middle of the breeding season on the subsequent reproductive activity of Scottish Blackface ewes, 23 (1990) 41

The influence of nutrient status of post-partum ewes on ovarian cyclicity and on the oestrous and ovulatory responses to ram introduction, 23 (1990) 293

Genetic basis of variation in reproductive performance (2) Genetic correlation between gestation length and prolificacy in sheep, 23 (1990) 305

The reproductive performance of Merino ewes in Western Australia following simultaneous immunization against several steroids, 25 (1991) 199

Sheep — uterus

Cineradiography of uterine motility in the cycling ewe, 1 (1978) 155

The effect of mating, artificial insemination, and fright on uterine motility of the oestrous ewe, 1 (1978/1979) 297

Differential responsiveness to oxytocin of the uterus and cervix in the ovariectomized ewe, 7 (1984) 421

Effect of the stage of the oestrous cycle and the frequency of sample collection on the composition of ovine uterine fluids, 21 (1989) 213

Silastic implants

Passage of testosterone, testosterone propionate and testosterone enanthate from silastic implants and the retention of testosterone once it enters the blood of ewes, 7 (1984) 531

Sparrow

Does the internal coincidence model operate in the subtropical population of house sparrow, *Passer domesticus*?, 9 (1985) 295

Response to ultra-short photoperiods by the subtropical yellow-throated sparrow, *Gymnorhis xanthocollis*, 10 (1986) 237

Sperm concentration

The relationship between sperm concentration and fertilization in vitro of rabbit ova, 1 (1978) 43

The number of spermatozoa required by naturally mated ewes and the ability of rams to meet these requirements, 13 (1987) 91

Sperm–egg interaction

Interspecies interaction of zona-free ova with spermatozoa in mouse, rat and hamster, 2 (1979) 395

Sperm output

The effect of sexual stimulation on the sperm output of the domestic boar, 2 (1979) 387

The effect of protein intake on body weight, scrotal circumference and semen production of Bunaji bulls and their Friesian crosses in Nigeria, 16 (1988) 1

The effect of collection procedure on the sperm output and copulatory behavior of AI stud boars, 16 (1988) 277

Duration of the cycle of the seminiferous epithelium and daily sperm production of Brazilian hairy rams, 17 (1988) 77

The effect of a high protein intake on sperm production in boars at two semen collection frequencies, 17 (1988) 103

Sperm reserves

The effect of hemicastration on sperm reserves of cockerels on a restricted dietary intake. Sperm reserves and deposition of sperm in different strains of cockerels, 9 (1985) 285

Effects of scrotal insulation and unilateral vasoligation on ejaculate characteristics and sperm reserves in the bull, 10 (1986) 11

Epididymal sperm reserves in 12-month-old Angus and Hereford bulls: effects of bull strain plus dietary energy, 16 (1988) 169

Sperm transport

Intraperitoneal insemination, sperm transport and capacitation in the pig, 1 (1978) 167

The rate of functional sperm transport into the oviducts of mated cows, 5 (1982/1983) 167

Transuterine transport of spermatozoa after artificial insemination in heifers, 12 (1986) 115

Spermatogenesis

The effect of bull seminal ribonuclease on spermatogenesis in the rabbit, 1 (1978) 49

Seasonal variation in spermatogenesis in the nine-banded armadillo (*Dasypus novemcinctus*) from southeastern Brazil, 6 (1983) 135

Spermatogenesis in the camel (*Camelus dromedarius*), 10 (1986) 23

Spermatozoa — abnormalities

Abnormalities of testicular origin in the neck region of bull spermatozoa, 8 (1985) 151

Seasonal and monthly variations in the incidence of morphological abnormalities in bovine spermatozoa in Shika, Zaria, Northern Nigeria, 17 (1988) 61

Immature and aberrant spermatozoa in the ejaculate of *Sus domesticus*, 22 (1990) 67

Effect of novidium (homidium chloride) chemotherapy on elevated spermatozoa morphological abnormalities in the semen of Zebu bulls infected with *Trypanosoma vivax* and *Trypanosoma congolense*, 24 (1991) 249

The ability of trypan blue to differentiate live and dead ram spermatozoa, 25 (1991) 209

Spermatozoa — acrosome

The effects of washing and protein supplementation on the acrosome reaction of ram spermatozoa in vitro, 9 (1985) 75

Changes in acrosome morphology during cooling and freezing of dog semen, 12 (1986) 145

Some effects of chondroitin sulphate on the in-vitro acrosome reaction in ram spermatozoa, 12 (1986) 151

A quantitative comparison of the spontaneous and ionophore-induced acrosome reaction in ejaculated ram spermatozoa: the effects of temperature, time and individual, 24 (1991) 93

Spermatozoa — biochemistry

The phospholipid-bound fatty acids of fowls and turkey spermatozoa, 9 (1985) 189

In vitro incorporation of (I-^{14}C) acetate and U-^{14}C) glucose into the lipids of buffalo bull spermatozoa, 21 (1989) 191

Aspartate aminotransferase activity in motile and immotile spermatozoa fractions of frozen-thawed boar semen obtained after filtration on columns filled with chitin, 23 (1990) 237

Angiotensin-converting-enzyme activity in epididymis, vas deferens and spermatozoa of domestic cock (*Gallus domesticus*), 23 (1990) 349

Spermatozoa — calcium

The effect of egg yolk on the control of intracellular calcium in ram spermatozoa cooled and stored at 5°C, 15 (1987) 177

Intracellular calcium in hamster spermatozoa in testis, epididymis and during the acrosome reaction, 16 (1988) 145

Spermatozoa — capacitation

Stabilizing rôle of epididymal plasma in relation to the capacitation time of boar spermatozoa, 1 (1978) 161

Intraperitoneal insemination, sperm transport and capacitation in the pig, 1 (1978) 167

Testing capacitation of bull sperm with zona-free hamster ova, 18 (1989) 95

Spermatozoa — chromosomes

Fertilization of zona-free hamster ova by ionophore-treated boar sperm and the condensation of sperm chromosomes, 21 (1989) 125

Spermatozoa — cold shock

Effect of cold shock and cooling rate on calcium uptake of ram spermatozoa, 12 (1986) 131

The quantitative ultrastructural assessment of head membrane damage in boar spermatozoa subjected to varying degrees of cold shock, 16 (1988) 265

Acquired resistance to cold shock in ram spermatozoa revealed by microscopy and a calcium radioassay, 18 (1989) 285

Spermatozoa — cold storage

The effect of cryopreservation at −196°C on the viability of fowl and turkey spermatozoa assessed in vitro, 10 (1986) 317

The effect of induced ice nucleation (seeding) on the post-thaw motility and acrosomal integrity of boar spermatozoa, 24 (1991) 293

Observations on feezing capability and seminal characteristics in four breeds of *Bos indicus* cattle, 25 (1991) 23

Infuence of thawing temperature on viability and release of glutamic oxaloacetic transaminase in frozen semen from Boer goats, 25 (1991) 125

Spermatozoa — damage

Spermiogenic, epididymal, and spermatozoal damage induced by a peritesticular injection of ethylene dibromide to rams, 6 (1983) 35

Spermatozoa — diploidy

The distribution of diploid rabbit spermatozoa in the female tract after artificial insemination, 1 (1978/1979) 245

Spermatozoa — distribution

The distribution of diploid rabbit spermatozoa in the female tract after artificial insemination, 1 (1978/1979) 245

Spermatozoa — enzymology

Microphotometric measurement of some enzymatic activities in rabbit spermatozoa during epididymal maturation, 13 (1987) 211

Seasonal changes in total and selenium-dependent glutathione peroxidase activity in bovine semen in relation to lipid peroxide, 17 (1988) 303

Boar sperm aminopeptidase: purification and partial characterization, 22 (1990) 55

Spermatozoa — histology

Fine structure of epididymal spermatozoa in the camel (*Camelus dromedarius*), 10 (1986) 177

Spermatozoa — immunology

Monoclonal antibodies to bull sperm surface antigens, 9 (1985) 101

Spermatozoa — lipid peroxide

Prevention of the production of lipid peroxide in rooster spermatozoa, 7 (1984) 385

Spermatozoa — motility

Prolonged motility of fowl spermatozoa in vitro due to a low molecular weight factor(s) released from cultured embryonic cells, 9 (1985) 181

Maintenance of motility of bull spermatozoa by a low molecular weight factor(s) released from cultured embryonic cells, 10 (1986) 185

Effect of thaw rates on motility, survival and acrosomal integrity of buffalo spermatozoa frozen in medium French straws, 12 (1986) 123

Zinc ion-dependent protein in boar semen, II. Effects on sperm motility and antibacterial properties, 13 (1987) 133

The effect of glutathione on the motility and fertility of frozen bull sperm, 13 (1987) 249

The effect of ions and caffeine on the maintenance of motility of bovine spermatozoa diluted in egg yolk buffers, 15 (1987) 161

Interrelationship between motility, c-AMP, respiration and calcium uptake of ram and boar sperm, 15 (1987) 189

Penetration of cervical mucus and other body fluids by bull sperm in capillary tubes, 18 (1989) 161

Effect of relaxin and antirelaxin serum on porcine sperm motility, 20 (1989) 21

Stimulation of the motility and oxygen consumption of fowl spermatozoa by bicarbonate at 40°C, 21 (1989) 301

Immunoactive relaxin in boar seminal plasma and its correlation with sperm motility, 22 (1990) 47

Ethylenediaminetetraacetic acid (EDTA) and caffeine are antagonistic to antirelaxin serum inhibition of porcine sperm motility, 22 (1990) 253

Spermatozoa — quality

Effect of immunization with sperm or seminal plasma on spermatozoal quality in boars, 23 (1990) 245

Spermatozoa — selenium

Relationships among spermatozoal abnormalities and the selenium concentration of blood plasma, semen, and reproductive tissues in young bulls, 7 (1984) 315

Spermatozoa — storage

The correlation between the viability of bovine spermatozoa preserved at ambient temperature and the activity of transferases, 22 (1990) 319

Some effects of collection equipment, glycerolation, and post-thaw re-equilibration times on the motility and survival of bovine spermatozoa, 24 (1991) 53

Squirrel monkey

Ovulatory patterns in the squirrel monkey (*Saimiri sciureus*), 4 (1981) 55

Steroid hormones — general

Role of the mesosalpinx and oviduct vasculature in the counter-current transfer of steroid hormones into the ovary, 5 (1982) 25

Concentrations of steroid hormones, and of relaxin, in utero-ovarian venous plasma of periparturient sows, 15 (1987) 227

Sterol sulfatase

Sterol sulfatase activity in the reproductive tract of the ewe, 14 (1987) 129

Stress

The effect of mating, artificial insemination, and fright on uterine motility of the oestrous ewe, 1 (1978/1979) 297

Heat induced infertility of boars: the interrelationship between depressed sperm output and fertility and an estimation of the critical air temperature above which sperm output is impaired, 4 (1981/1982) 283

The effect of prolonged stress on the oustrous cycles and prolactin secretion in sheep, 7 (1984) 333

Embryonic mortality caused by maternal heat stress during mouse oocyte maturation, 14 (1987) 309

Embryonic development, conception rate, ovarian function and structure in pregnant rabbits heat-stressed before or during implantation, 17 (1988) 259

Embryonic development in superovulated dairy cattle exposed to elevated ambient temperatures between the onset of estrus and insemination, 19 (1989) 37

Effect of transportation stress on ovarian activities and reproductive performance of ewes during the anoestrous period, 19 (1989) 229

Modulation of uterine prostaglandin biosynthesis by pregnant and nonpregnant cows at day 17 post-estrus in response to in vivo and in vitro heat stress, 20 (1989) 31

Subfertility

Plasma hormone response after acupuncture treatment of bovine subfertility, 11 (1986) 173

Substance P

Influence of substance P on myoelectrical activity of the infundibulum, uterus and vagina in the conscious domestic hen, 21 (1989) 283

Influence of substance P on in vitro motility of the oviduct and intestine in the domestic hen, 21 (1989) 293

Sulprostone

Pharmacology of parturition and abortion, 2 (1979) 133

Superovulation

Efficiency of pituitary extracts (FSH) for induction of superovulation in cattle, 6 (1983) 11

Superovulation in cows: a relationship between progesterone secretion before ovulation and the quality of embryos, 8 (1985) 327

The superovulation response of *B. taurus* and *B. indicus* cattle following treatment with follicle stimulating hormone and progesterone, 11 (1986) 91

Superovulation of cows with PMSG: variation in plasma concentrations of progesterone, oestradiol, LH, cortisol, prolactin and PMSG and in number of preovulatory follicles, 15 (1987) 37

Observations on the loss of the cellular vestment surrounding superovulated sheep oocytes, 15 (1987) 169

Early cycle FSH-p priming as a prelude to superovulating gonadotropin administration in ewes and heifers, 16 (1988) 97

Embryonic development in superovulated dairy cattle exposed to elevated ambient temperatures between the onset of estrus and insemination, 19 (1989) 37

Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats, 22 (1990) 339

Effects of GnRH on preovulatory endocrinology and oocyte maturation in PMSG-superovulated cows, 24 (1991) 37

Teasing

Stimulation of seasonally anovular Merino ewes by rams, I. Time from introduction of the rams to the preovulatory LH surge and ovulation, 1 (1978/1979) 283

Stimulation of seasonally anovular Merino ewes by rams, II. Premature regression of ram-induced corpora lutea, 1 (1978/1979) 291

Increased plasma LH levels in seasonally anovular Merino ewes following the introduction of rams, 3 (1980) 125

Attainment of puberty in female pigs: influence of boar stimulation, 4 (1981/1982) 313

The effect of early contact with mature boars on reproductive efficiency in the gilt, 6 (1983) 51

Progestagens, PMSG and the "ram effect" after artificial insemination in spring to synchronise non-pregnant ewes, 10 (1986) 117

Effects of anosmia on LH secretion, ovulation and oestrous behaviour induced by males in the anovular Creole goat, 10 (1986) 125

The effect of age at stimulation by relocation and first mature boar contact on the attainment of puberty in the gilt, 12 (1986) 31

Effects of duration and timing of progesterone priming on the incidence of corpora lutea with a normal life-span in Merino ewes induced to ovulate by the introduction of rams, 13 (1987) 81

Effect of short exposure to the ram on later reactivity of anoestrous ewes to the male effect, 13 (1987) 263

Effect of a teaser bull on ovarian and behavioural activity of suckling beef cows, 14 (1987) 263

Effects of progesterone pretreatment and duration of ram exposure on synchronization of estrus, conception and pregnancy by prostaglandin during seasonal anestrus, 17 (1988) 185

Effects of breed and time since lambing on spring estrous activity in mature ewes, 19 (1989) 99

Effects of continuous ram exposure and early spring lambing on initiation of the

breeding season in yearling crossbred ewes, 19 (1989) 265

The effect of season, frequency and duration of contact with boars on the attainment of puberty in gilts, 21 (1989) 115

The efficacy of ram introduction, GnRH administration, and immunisation against androstenedione and oestrone for the induction of oestrus and ovulation in anoestrous post-partum ewes, 21 (1989) 237

Effect of male odeur on LH secretion and the induction of ovulation in seasonally anoestrous goats, 22 (1990) 27

Temperature

Effect of temperature on the ultrastructure of bovine oocytes in culture, 12 (1986) 13

Estrual rise in body temperature in the bovine, I. Temporal relationships with serum patterns of reproductive hormones, 23 (1990) 89

Estrual rise in body temperature in the bovine, II. The temporal relationship with ovulation, 23 (1990) 99

Temperature sensing

Remote temperature sensing of oestrous cycles in cattle, 4 (1981/1982) 261

Testis characteristics

Testicular and accessory organ degeneration induced by subcutaneous injection of quinacrine in the gerbil (*Meriones hurrianae* Jerdon), 3 (1980) 83

Circadian basis of photoperiodically induced testicular growth in redheaded bunting, *Emberiza bruniceps*, 4 (1981/1982) 245

Circadian function in the photoperiodic induction of testicular growth in the common Indian rosefinch, *Carpodacus erythrinus*, 5 (1982/1983) 223

A quantitative histological study of testicular and epididymal development in *Bos indicus* cross bulls, 6 (1983) 1

Mating performance of paddock-mated rams, I. Changes in mating performance, ejaculate characteristics and testicular size during the joining period, 8 (1985) 79

The influence of breed, season and photoperiod on semen characteristics, testicular size, libido and plasma hormone concentrations in rams, 9 (1985) 241

The intratesticular excurrent ducts of the camel (*Camelus dromedarius*), 10 (1986) 47

Elimination of infertile male mink from breeding using sperm test, testicular palpation, testosterone test and fine-needle aspiration biopsy of the testis, 11 (1986) 295

The effect of testicular weight and insemination technique on fertility in sheep, 12 (1986) 189

Effects of nutritional supplements on testicular size and the secretion of LH and testosterone in Merino and Booroola rams, 12 (1987) 267

Seasonal changes in testis weight and testosterone concentration in the European wild boar (*Sus scrofa* L.), 13 (1987) 67

Effects of sexual stimulation on testicular size in the ram, 13 (1987) 105

Photoperiodic control of testicular growth in the ram lamb, 13 (1987) 255

Spermatogenic activities of the left and right testes of hemicastrated and intact cockerels, 14 (1987) 157

Genital tract development and histomorphometrical traits of the testis in the young boar: relationships with fat 5α-androstenone levels, 15 (1987) 259

The effect of protein intake on body weight, scrotal circumference and semen production of Bunaji bulls and their Friesian crosses in Nigeria, 16 (1988) 1

Effects of zinc deficiency on prostaglandins and fatty acid composition of the testes of rabbits, 16 (1988) 303

Effect of age at hemicastration on the body and testis weight of piglets, 18 (1989) 105

Repeatability of scrotal size and semen quality measurements in rams in a short-day light regime, 19 (1989) 19

The effects of frequency of ejaculation and undernutrition on the size and tone of the ram's testes, 19 (1989) 29

Pubertal development in the male buffalo: longitudinal analysis of body growth, testicular size and serum profiles of testosterone and oestradiol, 19 (1989) 161

Lipid peroxidation in testis and epididymis of the bull, 20 (1989) 83

Oestradiol-17β in testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs and in jugular venous plasma of castrated prepubertal lambs, 22 (1990) 9

Testosterone — armadillo

Annual pattern in plasma testosterone in the male armadillo, *Dasypus novemcinctus*, 4 (1981) 49

Testosterone — buffalo

Serum testosterone concentrations in advanced pregnancy in water buffaloes (*Bubalus bubalis*), 9 (1985) 383

Pubertal development in the male buffalo: longitudinal analysis of body growth, testicular size and serum profiles of testosterone and oestradiol, 19 (1989) 161

Testosterone — cat

Testosterone and androstenedione profiles in the blood of domestic tom-cats, 7 (1984) 363

Testosterone — cattle

The effectiveness of steers and heifers treated with oestrogen or testosterone to detect oestrus in cattle, 3 (1980/1981) 259

Lack of influence of mounting on plasma FSH, LH and testosterone concentrations in azoospermic and normospermic young bulls, 9 (1985) 111

Comparison of females treated with oestradiol or testosterone to detect oestrus in dairy cattle maintained indoors year-round, 9 (1985) 119

Seasonal changes in plasma concentrations of prolactin, LH, FSH, and testosterone in young adult bulls, 13 (1987) 165

Serum inhibin, FSH, LH and testosterone levels and testicular inhibin content in beef bulls from birth to puberty, 20 (1989) 165

Testosterone — chicken

Factors related to decreased testosterone concentrations in the peripheral circulation of the maturing male chicken (*Gallus domesticus*) fed aflatoxin, 18 (1989) 25

Testosterone — deer

Influence of plane of winter nutrition on plasma concentrations of prolactin and testosterone and their association with voluntary food intake in red deed stags (*Cervus elaphus*), 8 (1985) 247

Testosterone — goat

Peripheral plasma testosterone levels in two Indian breeds of goats and their reciprocal crosses, 9 (1985) 95

Puberty in the male Nubian goat: serum concentrations of LH, FSH and testosterone from birth through puberty and

semen characteristics at sexual maturity, 20 (1989) 91

Testosterone and LH concentrations in the male Angora goat during puberty, 23 (1990) 319

Testosterone — horse

Seasonal changes in the concentration of estrogens and testosterone in the plasma of the stallion, 1 (1978/1979) 205

Progestagen, androgen and oestrogen levels in plasma and ovarian follicular fluid during the oestrous cycle of the mare, 12 (1987) 255

Testosterone concentrations in normal and cryptorchid horses. Response to human chorionic gonadotrophin, 18 (1989) 43

The effect of alternating months of "long days" and "short days" on plasma luteinising hormone and testosterone concentrations in Welsh Mountain Pony stallions, 25 (1991) 51

Testosterone — mink

Comparison between radioimmunoassay and a new time-resolved fluoroimmunoassay of total serum testosterone in male mink (*Mustela vison*), 12 (1987) 291

Testosterone — pig

Developmental patterns of plasma dehydroepiandrosterone sulfate and testosterone in male pigs, 3 (1980) 73

Effect of sexual stimulation on concentrations of 5α-androstenone and testosterone in the peripheral plasma of boars reared individually, 4 (1981/1982) 227

Effects of acute and chronic testicular hyperthermia on levels of testosterone and corticosteroids in plasma of boars, 7 (1984) 391

Influence of supplemental lighting on serum LH, testosterone and semen quality in prepubertal and postpubertal boars, 8 (1985) 287

Seasonal changes in testis weight and testosterone concentration in the European wild boar (*Sus scrofa* L.), 13 (1987) 67

Age-related changes in plasma LH and testosterone concentration profiles and fat 5α-androstenone content in the young boar, 15 (1987) 241

Endocrine changes associated with spontaneous luteolysis in sows, II. Temporal relationships among the concentrations of A_4, T, E_1 and E_2 measured in uteroovarian vein plasma, 21 (1989) 53

Effects of testosterone injection on the semen quality in boars during high ambient temperature, 25 (1991) 73

Testosterone — sheep

Seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in Romney, Merino and Polled Dorset rams, 1 (1978/1979) 213

Effects of modifying olfactory and pineal gland function on the seasonality of semen production and plasma luteinizing hormone, testosterone and prolactin levels in rams, 1 (1978/1979) 229

Induction of male behaviour in ovariectomized ewes and ovariectomized-androgenized ewes chronically implanted with oestradiol-17β or testosterone, 1 (1978/1979) 305

Plasma concentrations of testosterone, androstenedione, progesterone, oestradiol-17β, LH and FSH during the preovulatory period in the ewe, 7 (1984) 521

Passage of testosterone, testosterone propionate and testosterone enanthate from silastic implants and the retention of testosterone once it enters the blood of ewes, 7 (1984) 531

The seasonal patterns of testosterone secretion in Finn cross rams in Israel, 10 (1986) 245

Effects of nutritional supplements on testicular size and the secretion of LH and testosterone in Merino and Booroola rams, 12 (1987) 267

Seasonal variation in LH and testosterone responses of rams following the introduction of oestrous ewes, 21 (1989) 249

Plasma testosterone in *Trypanosoma congolense*- and *Trypanosoma brucei*-infected West African dwarf rams, 22 (1990) 21

Stimulation of testosterone production by PMSG injection in the ovine male: effect of breed and age and application to males carrying or not carrying the "F" Booroola gene, 23 (1990) 21

Testosterone enanthate

Passage of testosterone, testosterone propionate and testosterone enanthate from silastic implants and the retention of testosterone once it enters the blood of ewes, 7 (1984) 531

Testosterone propionate

Passage of testosterone, testosterone propionate and testosterone enanthate from silastic implants and the retention of testosterone once it enters the blood of ewes, 7 (1984) 531

Thymidine

Enhancing the mitotic index of blastomeres by thymidine synchronization, 6 (1983/1984) 239

Thymosin β4

Changes in thymosin β4 and gonadal function during puberty in boars and gilts immunized against estrone, 24 (1991) 139

Thyrotrophin releasing hormone

Use of hypothalamic releasing hormones to evaluate the reproductive endocrine status of rams, 16 (1988) 249

Thyroxine

Thyroid function in the perinatal period, 2 (1979) 57

Time-resolved fluoroimmunoassay

Comparison between radioimmunoassay and a new time-resolved fluoroimmunoassay of total serum testosterone in male mink (*Mustela vison*), 12 (1987) 291

Toxicity

Spermiogenic, epididymal, and spermatozoal damage induced by a peritesticular injection of ethylene dibromide to rams, 6 (1983) 35

Evaluation of the fluorescein diacetate (FDA) vital dye viability test with hamster and bovine embryos, 6 (1983/1984) 323

Transferase

The correlation between the viability of bovine spermatozoa preserved at ambient temperature and the activity of transferases, 22 (1990) 319

Transferrin

Regulation of transferrin secretion in Sertoli cells of the calf testis, 20 (1989) 11

Trenbolone acetate

The effect of trenbolone acetate on the bovine oestrous cycle, 4 (1981) 107

Trypan blue

The ability of trypan blue to differentiate live and dead ram spermatozoa, 25 (1991) 209

***Trypanosoma* spp.**

Evaluation of semen quality of rams infected with *Trypanosoma vivax*, 11 (1986) 123

Effects of the reproductive status in Zebu heifers on the immunoglobulin M and G levels in bovine *Trypanosoma vivax* infection, 12 (1986) 179

Plasma testosterone in *Trypanosoma congolense*- and *Trypanosoma brucei*-infected West African dwarf rams, 22 (1990) 21

Effect of novidium (homidium chloride) chemotherapy on elevated spermatozoa morphological abnormalities in the semen of Zebu bulls infected with *Trypanosoma vivax* and *Trypanosoma congolense*, 24 (1991) 249

Turkey

The phospholipid-bound fatty acids of fowls and turkey spermatozoa, 9 (1985) 189

The effect of cryopreservation at −196°C on the viability of fowl and turkey spermatozoa assessed in vitro, 10 (1986) 317

Ultrasound

Ultrasonic pregnancy diagnosis in the camel, 1 (1978) 19

Pregnancy detection in swine by pulse mode ultrasound, 4 (1981/1982) 219

Transrectal real-time ultrasound scanning for diagnosing pregnancy and for monitoring embryonic mortality in dairy cattle, 10 (1986) 193

Comparison of two ultrasonic methods for multiple pregnancy diagnosis in sheep and indicators of multiple pregnant ewes in the blood, 11 (1986) 25

The use of ultrasonography for the study of the bovine reproductive tract, I. Normal and pathological ovarian structures, 12 (1986) 157

The use of ultrasonography for the study of the bovine reproductive tract, II. Non-pregnant, pregnant and pathological conditions of the uterus, 12 (1986) 167

Follicular populations during the estrous cycle in heifers, III. Time of selection of the ovulatory follicle, 16 (1988) 81

Ultrasonic characterization of follicular evacuation during ovulation and fate of the discharged follicular fluid in mares, 20 (1989) 131

Ultrasonic echogenicity of developing corpora lutea in pony mares, 20 (1989) 143

Embryonic development measured by ultrasonography and plasma progesterone concentrations in roe deer (*Capreolus capreolus* L.), 20 (1989) 155

Composition and characteristics of follicular waves during the bovine estrous cycle, 20 (1989) 187

Size and shape changes in the preovulatory follicle in mares based on digital analysis of ultrasonic images, 21 (1989) 63

Characterization of ovarian activity in post-partum dairy cows using ultrasound imaging and progesterone profiles, 22 (1990) 171

Foetal ageing in farmed red deer using real-time ultrasonography, 25 (1991) 241

Umbilical cord

The twisted umbilical cord: an expression of kinesis of the equine fetus?, 10 (1986) 163

***Ureaplasma* sp.**

An examination of the effects of ureaplasma infection on the fertility of synchronised ewes, 13 (1987) 61

Uteine proteins

Column chromatography and electrophoresis of bovine uterine lumenal proteins collected during the estrous cycle, 9 (1985) 11

Uterine fluid

Toxicity of uterine fluids to rabbit embryos at the stage of eight cells or fewer, 3 (1980/1981) 335

Uterine motility

Cineradiography of uterine motility in the cycling ewe, 1 (1978) 155

The effect of mating, artificial insemination, and fright on uterine motility of the oestrous ewe, 1 (1978/1979) 297

The myometrium and the relaxin enigma, 2 (1979) 77

Myometrial activity and expulsion of fetuses, 2 (1979) 117

The effect of barium on the contractile mechanism of isolated dog uteri; influence of the hormonal state, 8 (1985) 375

Uterus

Uterine excitability and distensibility influenced by treatment *in vitro* with progesterone, 2 (1979) 225

Action of phyto-oestrogens coumestrol and genistein on cytosolic and nuclear oestradiol-17β receptors in immature rat uterus, 3 (1980) 233

Microfluorometric study of glucose-6-phosphate and malate dehydrogenases in histologically defined areas of the uterus in cyclic and pregnant ewes, 3 (1980/1981) 325

Prostaglandin production by the uterus of the non-pregnant and early pregnant guinea-pig, 7 (1984) 1

Hormone receptor control of pulsatile secretion of $PGF_{2\alpha}$ from the ovine uterus during luteolysis and its abrogation in early pregnancy, 7 (1984) 31

Aspects of regulation of uterine secretion of prostaglandins during the oestrous cycle and early pregnancy, 7 (1984) 75

Differential responsiveness to oxytocin of the uterus and cervix in the ovariectomized ewe, 7 (1984) 421

Reduction of anionic sites on the rabbit uterine surface during the preimplantation period, 7 (1984) 555

Uterine protein profiles in ovariectomized dairy cows administered progesterone and estradiol-17β, 11 (1986) 161

The use of ultrasonography for the study of the bovine reproductive tract, II. Non-pregnant, pregnant and pathological conditions of the uterus, 12 (1986) 167

Prostaglandin $F_{2\alpha}$ back transfer from the mesometrium vasculature into the uterus of the gilt during early pregnancy and estrogen-induced pseudopregnancy, 13 (1987) 199

Gross and histological changes of the postpartum genitalia of Savanna Brown goats, 14 (1987) 65

Uterine histamine content in mast-cell deficient (W/W^V) mice during experimentally induced deciduoma formation, 14 (1987) 75

Effect of uterine luminal perfusion of $PGF_{2\alpha}$ and PGE_2 on uterine vasomotor response and $PGF_{2\alpha}$ output in cyclic cattle, 14 (1987) 103

Postpartum ovarian activity, uterine involution and fertility in indigenous buffaloes at a selected village location in Sri Lanka, 14 (1987) 115

Characterization of the uterine environment during early conceptus expansion in the bovine, 16 (1988) 11

The effect of different rates of oxytocin infusion on the progesterone primed uterus in chronically catheterised, ovariectomised ewes, 17 (1988) 69

Effects of pregnancy and exogenous progesterone on immunosuppressive activity in the uterus and peripheral plasma of the ewe, 18 (1989) 253

Resumption of ovarian activity in postpartum ewes: role of the uterus, 19 (1989) 79

Modulation of uterine prostaglandin biosynthesis by pregnant and nonpregnant cows at day 17 post-estrus in response to in vivo and in vitro heat stress, 20 (1989) 31

Involution, pathology and histology of the uterus in dairy cattle with retained placenta and uterine discharge following GnRH, 21 (1989) 11

Effect of the stage of the oestrous cycle and the frequency of sample collection on the composition of ovine uterine fluids, 21 (1989) 213

Influence of substance P on myoelectrical activity of the infundibulum, uterus and vagina in the conscious domestic hen, 21 (1989) 283

Maternal influence on the early development of asynchronously transferred bovine embryos, 24 (1991) 25

Dynamics of uterine diameter and endometrial morphology during the estrous cycle and early pregnancy in mares, 25 (1991) 133

Vas deferens

Angiotensin-converting-enzyme activity in epididymis, vas deferens and spermatozoa of domestic cock (*Gallus domesticus*), 23 (1990) 349

Vasoactive intestinal polypeptide

Vasoactive intestinal polypeptide and endometrial blood flow in the goat, 6 (1983/1984) 217

Vasodilatation

Effect of uterine luminal perfusion of $PGF_{2\alpha}$ and PGE_2 on uterine vasomotor response and $PGF_{2\alpha}$ output in cyclic cattle, 14 (1987) 103

Vasoligation

Effects of scrotal insulation and unilateral vasoligation on ejaculate characteristics and sperm reserves in the bull, 10 (1986) 11

Vasopressin

The neurohypophysial hormones, 2 (1979) 43

Vetoestrol

Peripheral plasma oestradiol-17β, progesterone and cortisol in buffaloes induced to calve with dexamethasone and vetoestrol, 11 (1986) 111

Vomeronasal organ

Evaluation of the involvement of the vomeronasal organ in the pheromonal influences on the estrous cycle of the laboratory mouse, 8 (1985) 181

Vulva

Changes in electrical resistance of vulvar tissue in Holstein cows during ovarian cycles and after treatment with prostaglandin $F_{2\alpha}$, 18 (1989) 183

Vulvar electrical impedance in periparturient cows and its relation to plasma progesterone, oestradiol-17β and PGFM, 23 (1990) 283

Weaning

First postpartum ovulations and corpora lutea in ewes which lamb in the breeding season, 10 (1986) 61

Weather conditions

A note on the relationship between barometric pressure and calving incidence, 1 (1978) 3

Zebu

Cycle of the seminiferous epithelium and its duration in the zebu, *Bos indicus*, 5 (1982/1983) 231

A quantitative histological study of testicular and epididymal development in *Bos indicus* cross bulls, 6 (1983) 1

Factors influencing postpartum ovarian activity and uterine involution in zebu cattle indigenous to Nigeria, 8 (1985) 123

Studies on serum progesterone levels in Zebu x Holstein heifers during pre- and peripubertal periods, 11 (1986) 11

Effects of the reproductive status in Zebu heifers on the immunoglobulin M and G levels in bovine *Trypanosoma vivax* infection, 12 (1986) 179

Reproductive performance of Zebu cattle under traditional agropastoral management in northern Nigeria, 19 (1989) 191

Application of plasma and milk progesterone assay in pregnancy diagnosis in White Fulani (Zebu) cattle, 19 (1989) 205

Opposite breeding seasons in dairy Zebu cows and dairy River buffaloes as assessed by first insemination records, 21 (1989) 25

Silent oestrus manifestations in Nigerian Bunaji Zebu cows, 21 (1989) 79

Differences in gonadotrophin secretion post partum between Zebu and European breed cattle, 22 (1990) 311

Inverse relationships between skimmed milk progesterone and somatic cell counts during gestation and postpartum periods in Bunaji Zebu cows, 23 (1990) 1

Reproductive efficiency of *Bos indicus* (Zebu) cows under artificial insemination management in Ethiopia, 24 (1991) 63

Patterns of postpartum oestrus onset and associated plasma progesterone profiles in *Bos indicus* cows in Ethiopia, 24 (1991) 73

Observations on feezing capability and seminal characteristics in four breeds of *Bos indicus* cattle, 25 (1991) 23

Zinc

Effect of intranasal irrigation with zinc sulphate on male-induced oestrus in the wild mouse, *Mus musculus domesticus*, 8 (1985) 295

Zinc ion-dependent protein in boar semen, I. Egg yolk precipitating activity and some biochemical properties, 13 (1987) 117

Zinc ion-dependent protein in boar semen, II. Effects on sperm motility and antibacterial properties, 13 (1987) 133

Effects of zinc deficiency on prostaglandins and fatty acid composition of the testes of rabbits, 16 (1988) 303

Zona-free eggs

Interspecies interaction of zona-free ova with spermatozoa in mouse, rat and hamster, 2 (1979) 395

Zoo animals

The reproductive efficiency of wild species of mammals in captivity at the Metro Toronto Zoo, Canada, 1 (1978) 31